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NTISUB/C/138-013

# LANDSAT 2

## CUMULATIVE U.S. STANDARD CATALOG



GSFC/LJ-C/013

GODDARD SPACE FLIGHT CENTER

GREENBELT, MARYLAND

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION





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## INTRODUCTION

To provide dissemination of information regarding the availability of Landsat imagery, the Image Processing Facility (IPF), located at the Goddard Space Flight Center, publishes a U. S. and Non-U. S. Standard Catalog on a monthly schedule. These catalogs identify imagery which has been processed and input to the data files during the referenced month. The U. S. Standard Catalog includes imagery covering the continental United States, Alaska and Hawaii; the Non-U. S. Catalog identifies all the remaining coverage. Imagery adjacent to the continental U. S. and Alaska borders will normally appear in the U. S. Standard Catalog. As a supplement to these catalogs, the Landsat imagery of one spectral band is available on 16mm microfilm.

In addition to the routine monthly catalogs, the IPF annually publishes a cumulative U. S. and Non-U. S. Standard Catalog for each satellite, covering a year based on the launch date for that satellite. These catalogs include information on all observations acquired and processed by the facility during that year.

Film products for imagery listed in this catalog are available at a nominal price from all three agencies listed below. In addition, the 16mm microfilm can be purchased from the U. S. Department of the Interior (USDI) EROS Data Center and National Oceanic and Atmospheric Administration (NOAA). Digital tapes can be purchased only from the USDI EROS Data Center.

U. S. Department of Agriculture . . . . . Aerial Photography Field Office  
2505 Parley's Way  
Salt Lake City, Utah 84109

U. S. Department of Commerce . . . . . Environment Data Service  
National Oceanic and Atmospheric Administration      Satellite Data Service Branch  
D543  
World Weather Building  
Room 606  
Washington, D. C. 20233

U. S. Department of the Interior . . . . . User Services Unit  
Geological Survey      EROS Data Center  
Sioux Falls, South Dakota 57198

## SECTION 1 — STANDARD CATALOG

### 1.1 MONTHLY CATALOGS

The coverage sections contained in the monthly U.S. and Non-U.S. Standard Catalogs are divided into three parts. Part 1 (see Para. 1.1, A) consists of annotated maps which graphically depict the geographic areas covered by imagery listed in the current catalog. Part 2 (see Para. 1.1, B) contains a computer generated listing organized by observation identification number (ID) and includes pertinent information about each image. Part 3 (see Para. 1.1, C) provides a computer listing of observations organized by longitude/latitude.

A. Satellite Coverage Maps. These maps are segregated by cycle and depict the general location of observations listed in the catalog. The format and data content of these maps are slightly different in the U.S. and Non-U.S. catalogs.

1. U.S. Satellite Coverage Maps. Two separate map formats are presented in this catalog. One map outlines the continental U.S. and depicts the estimated cloud cover along each north to south subsatellite path. Each path is identified by actual orbit number and a cross reference, which matches the orbit number to the initial observation ID for that path. The second map provides an enlarged view of Alaska and Hawaii and displays the portion of an orbital pass for which coverage is available. This map does not include cloud cover estimates or orbit numbers.
2. Non-U.S. Satellite Coverage Map. A world outline map is provided with the portions of an orbital swath for which observations are available graphically displayed. This map is intended solely to inform the user as to whether or not coverage is included in the catalog for his area of interest. It is not intended as a rapid reference to specific observations.

B. Observation Identification Number (ID) Listing. The data format for the observation ID listing is identical in the U.S. and Non-U.S. Catalogs. Observation ID numbers are listed in a sequential manner from smallest number to largest. Associated with each ID number in the list is pertinent information about that observation. A sample catalog page with a description of each data item is shown in Figure 1-1.

1. Sample Observation ID Format. See Figure 1-1.

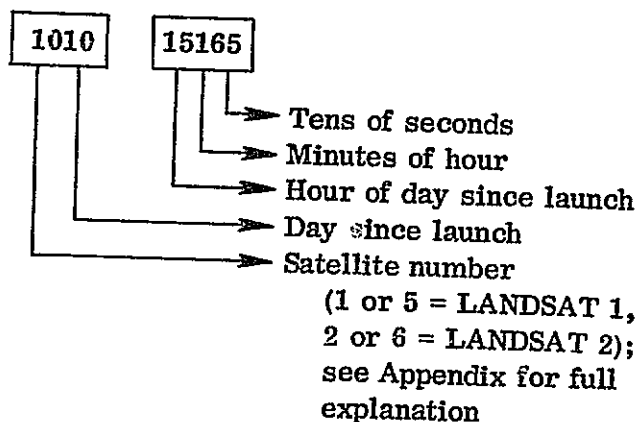
① 20:53 APR 04, '75										
② FROM 02/01/75 TO 02/28/75										
④ OBSERVATION ID	⑤ MICROFILM ROLL NO./ POSITION IN ROLL		⑥ DATE ACQUIRED	⑦ CLOUD COVER %	⑧ ORBIT NUMBER	⑨ PRINCIPAL POINT OF IMAGE		⑩ SUN ELEV.	SUN AZIM.	⑪ IMAGE QUALITY RBV MSS
	RBV	MSS				LAT	LONG			
1943-16381	00000/0000	1-10034/0565	02/21/75	100	3149	4728N	09815W	25.3	144.8	
1943-16383	00000/0000	1-10034/0566	02/21/75	100	3149	4603N	09849W	26.3	143.9	GGGG
1943-16390	00000/0000	1-10034/0567	02/21/75	100	3149	4438N	09923W	27.2	143.0	GGG
1943-16392	00000/0000	1-10034/0566	02/21/75	70	3149	4313N	09955W	28.2	142.1	FGG
1943-16395	00000/0000	1-10034/0569	02/21/75	40	3149	4147N	10026W	29.1	141.2	GGFF
1944-16432	00000/0000	1-10034/0606	02/22/75	40	3163	4854N	09903W	24.7	145.5	FGGG
1944-16435	00000/0000	1-10034/0607	02/22/75	90	3163	4730N	09939W	25.6	144.6	GGGG
1944-16441	00000/0000	1-10034/0608	02/22/75	30	3163	4605N	10014W	26.6	143.8	FGGG

③ KEY:  
 CLOUD COVER  
 \* 0 TO 100 = % OF CLOUD COVER  
 \*\* NO CLOUD DATA AVAILABLE  
 IMAGE QUALITY  
 \* BLANK = BAND NOT PRESENT/REQUESTED  
 \* G = GOOD P = POOR F = FAIR

Figure 1-1. Observation ID Listing for Standard Catalog

2. Description of Data Items

- ① Date of catalog listing
- ② Period during which imagery was processed
- ③ Data quality
- ④ Observation ID



- ⑤ RBV and MSS microfilm roll and image position on roll; note: RBV and MSS images for a given observation may be on two different microfilm rolls
- ⑥ Date of observation
- ⑦ Estimated percent of cloud cover
- ⑧ Orbit number
- ⑨ Latitude and longitude at observation center (degrees and minutes)
- ⑩ Sun elevation and azimuth at observation center
- ⑪ Image quality; see key

- C. Longitude/Latitude Listing. The data format for the longitude/latitude listing is identical in the U.S. and Non-U.S. Catalogs. This listing contains the same observations as the observation ID listing but organizes them by coordinates, using image center location information for each observation. Observations in this listing will be sorted first by longitude and, within longitude, by latitude. The longitude/latitude listing is arranged in the following manner:

180-0 degrees East; 90-0 degrees North and 0-90 degrees South  
followed by  
0-180 degrees West; 90-0 degrees North and 0-90 degrees South

This listing is intended to be used as a tool for locating specific coverage, and once a specific observation has been identified, pertinent information about it can be found by referring to the ID listing.

Figure 1-2 below shows a sample catalog page with a description of each data item.

1. Sample Longitude/Latitude Format. See Figure 1-2.

① 21 53 APR 04, '75				② FROM 02/01/75 TO 02/28/75			
③	④	⑤	⑥	③	④	⑤	⑥
PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC	QUALITY RBV MSS	PRINCIPAL PT. OF IMAGE	OBSERVATION ID	CC	QUALITY RBV MSS
LONG LAT			12345678	LONG LAT			12345678
12350W 3608N	1940-18074	80	GFFT	12421W 3855N	1923-18132	70	FFFG
12352W 4027N	1941-18120	100	FGGG	12437W 4601N	1925-18224	90	GGGG
12352W 4020N	1923-18125	90	FFFF	12447W 4147N	1924-18181	60	GFFF
12401W 4726N	1925-18221	50	GGTG	12449W 3736N	1941-18125	90	FFGG
12416W 4313N	1924-18173	70	FFFF	12449W 3729N	1923-18134	70	FFFG
12421W 3901N	1941-18123	100	FGTG	12451W 4852N	1926-18273	90	GGGG
				12602W 4603N	1926-18282	70	FGGG

⑦ KEY  
CLOUD COVER  
• 0 TO 100 • 01 CLOUD COVER  
• \*\* NO CLOUD DATA AVAILABLE

IMAGE QUALITY  
• BLANK • RAND NOT PRESENT/REQUESTED  
• G • GOOD • P • POOR • F • FAIR

Figure 1-2. Coordinate Listing for Standard Catalog

2. Description of Data Items

- |   |                                    |
|---|------------------------------------|
| ① Date of catalog listing   | ⑤ Estimated percent of cloud cover |
| ② Period during which imagery was processed                             | ⑥ Image quality; see key           |
| ③ Longitude and latitude at observation center<br>(degrees and minutes) | ⑦ Data quality                     |
| ④ Observation ID (see Fig. 1-1, Para. 1.1, B, 2)                        |                                    |

## 1.2 CUMULATIVE STANDARD CATALOGS

Annually, a cumulative catalog is produced which includes information covering all observations and coordinates acquired and processed by the IPF during that year.

### A. Observation ID Listing.

1. Sample Observation ID Format. See Figure 1-1.
2. Description of Data Items. See Paragraph 1.1, B, 2.

### B. Coordinate ID Listing. The coordinate ID listing format is expanded to identify observations for which color or digital products have been made.

1. Sample Coordinate ID Format. See Figure 1-3.

(9)		(1)	(4)		(5)	(6)	(7)	(2)		(8)	(10)		(11)	(12)					
PRINCIPAL POINT OF IMAGE		15:36 MAR 11, '74		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL		DATE ACQUIRED	CLOUD COVER %	FROM 07/23/72 TO 07/23/74		ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUALITY		PRODUCTS			
LONG	LAT				RBV	MSS										RBV 123	MSS 45678	B C	P C
07607W	3734N	1295-15144			00000/0000	10010/1659	05/14/73	20			4112	60.2	122.0		GGGG				M
07607W	3731N	1259-15150			00000/0000	10010/0088	04/08/73	90			3610	50.7	133.2		GGGG				M
07607W	3731N	1313-15143			00000/0000	10011/0920	06/01/73	80			4363	62.3	116.2		GGGG				M
07608W	4438N	1027-15231			00000/0000	1-10001/1498	08/19/72	0			375	50.9	136.9		GGGG		M		M
07608W	3731N	1331-15142			00000/0000	1-10011/1589	06/19/73	100			4614	62.4	112.8		GGGG				
07608W	3724N	1349-15141			00000/0000	1-10012/1387	07/07/73	10			4865	61.2	112.9		PGPP		M		M
07609W	4851N	1352-15275			00000/0000	1-10012/1622	07/10/73	60			4907	56.7	133.9		G				
07609W	3144N	1006-15093			1-10001/0377	1-10001/0378	07/29/72	100			82	59.7	108.3	GGG	PPGG				

(3) KEY:

CLOUD COVER

● 0 TO 100 = % OF CLOUD COVER

IMAGE QUALITY

● BLANK = BAND NOT PRESENT/REQUESTED  
● G = GOOD P = POOR F = FAIR

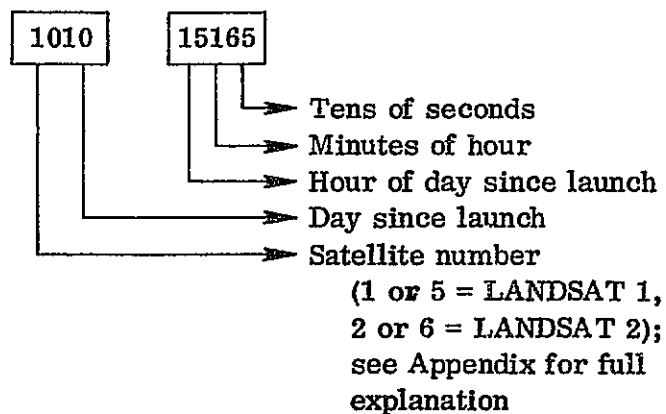
PRODUCTS ALREADY MADE

● R = MADE FROM RBV M = MADE FROM MSS  
B = MADE FROM RBV AND MSS

Figure 1-3. Coordinate Listing for Cumulative Standard Catalog

## 2. Description of Data Items

- ① Date of catalog listing
- ② Period during which imagery was processed
- ③ Data quality
- ④ Observation ID



- ⑤ RBV and MSS microfilm roll and image position on roll; note: RBV and MSS images for a given observation may be on two different microfilm rolls
- ⑥ Date of observation
- ⑦ Estimated percent of cloud cover
- ⑧ Orbit number
- ⑨ Latitude and longitude at observation center (degrees and minutes)
- ⑩ Sun elevation and azimuth at observation center
- ⑪ Image quality; see key
- ⑫ Image/data product availability; see key



## SECTION 2 — MICROFILM

### 2.1 GENERAL

The Image Processing Facility produces a 16 mm microfilm inventory of imagery processed during the referenced month and is organized for convenient use with the Standard Catalog.

As in the case of the Standard Catalog, the microfilm data is divided into U.S. and Non-U.S. segments. Each set of microfilm images is in exact correspondence to a Standard Catalog and can be used in conjunction with the catalog for selecting desired images. A maximum of 1900 images will be contained on one roll of 16 mm x 100 ft microfilm. Because the microfilm images are intended to provide only a summary of the data available, the images are limited to one band each for the RBV and MSS. Although a single observation will produce seven images, in the production of microfilm only the RBV Spectral Band 2 images (0.580 - 0.680 microns) and MSS Spectral Band 2 images (0.6 - 0.7 microns) are reproduced. Each image is a photograph of a 70 mm (-2) image and contains the image identifier and annotation block. See Figure 2-1.

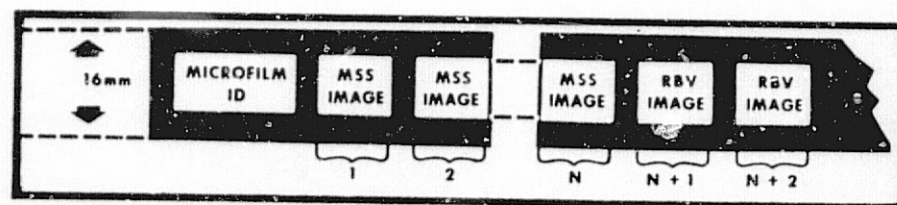


Figure 2-1. Microfilm Format

Microfilm roll numbers contain six digits. The first digit designates the satellite number (blank or 1- = LANDSAT 1, 2- = LANDSAT 2). Example: Roll number 10032 and roll number 1-10034 are both LANDSAT 1 rolls. Roll 2-10032 is a LANDSAT 2 roll. The second digit will be a 1 (for U.S. rolls) or a 2 (for Non-U.S. rolls). The remaining digits are used to number sequentially all microfilm rolls prepared within each group. Example: Roll number 10001 is the first U.S. roll of microfilm produced for LANDSAT 1. Roll number 20004 is the fourth Non-U.S. roll to be produced for LANDSAT 1. The first U.S. roll of microfilm for LANDSAT 2 is number 2-10001.

The microfilm contains two rapid search capabilities to help the user quickly reach the desired scene. They are:

- Code Line Indexing
- Blip Encoding

## 2.2 CODE LINE INDEXING

The LANDSAT microfilm images have been annotated with visual code lines to the right of each frame. The visual code lines graduate up the edge of the screen as the film advances and allow the user to advance rapidly to within 20 frames of his desired image. See Figure 2-2.

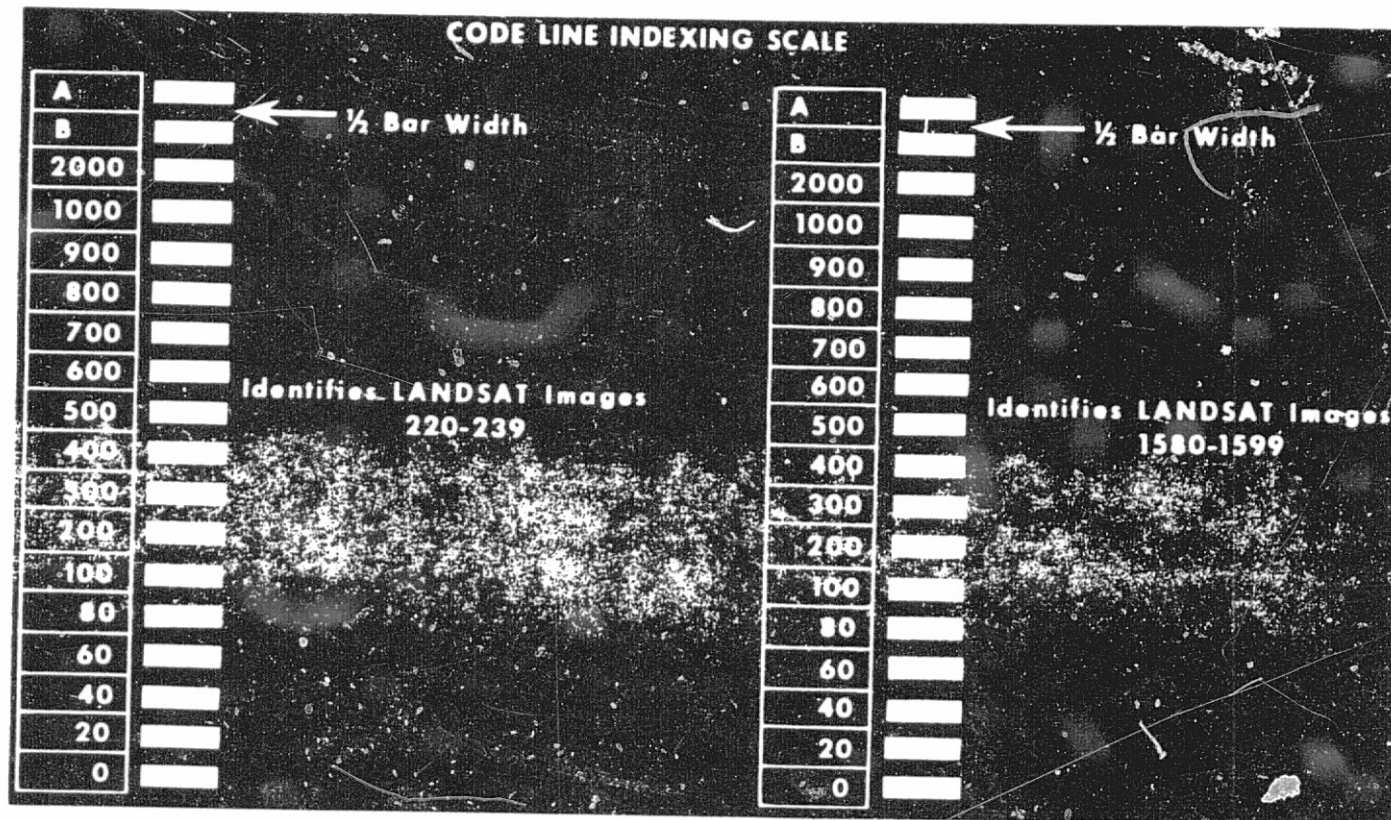


Figure 2-2. Code Line Indexing Scale

To utilize this system, a user must generate a code line indexing bar scale to attach to the face of his viewers. The size and spacing for the bar scale is dependent upon the magnification of his viewer. LANDSAT imagery is microfilmed at a reduction ratio of 8.5x. To determine the overall length of a scale required for your microfilm reader, multiply 7.4mm by the enlargement factor of your lens. To determine the bar widths along the bar scale, multiply 0.24mm by the same factor. A space between each bar should exist that is  $\frac{1}{2}$  the bar width.

### 2.3 BLIP ENCODING

The LANDSAT microfilm images have also been annotated with a blip (black spot) at the base of each frame. This type of encoding is designed for use on readers with an electronic sensing and counting capability or an odometer. To use the blip encoding retrieval system, the film will have to be placed in a cartridge. When the cartridge is placed in a reader which contains an odometer or has a keyboard attached, the identification of the desired image is obtained from the Standard Catalog (column 6, Microfilm Position) and either punched on the keyboard or read via the odometer as the film advances. Using a reader configured for rapid search and retrieval, the film advances and the frames (blips) are counted by means of a photosensing light. When the appropriate number has been counted, the reader stops and the desired image is projected on the screen. Using a reader with an odometer requires the user to monitor the odometer as the film advances and stop the advance of the film in the vicinity of the required frame.

# SECTION 3 — LANDSAT 2 CYCLES

Cycle	Days Since Launch		Calendar Date		Cycle	Days Since Launch		Calendar Date	
	Begin	End	Begin	End		Begin	End	Begin	End
First 22 days	1	22	22 Jan 75	13 Feb 75	19	347	364	4 Jan 76	21 Jan 76
1	23	40	14 Feb 75	3 Mar 75	20	365	382	22 Jan 76	8 Feb 76
2	41	58	4 Mar 75	21 Mar 75	21	383	400	9 Feb 76	26 Feb 76
3	59	76	22 Mar 75	8 Apr 75	22	401	418	27 Feb 76	15 Mar 76
4	77	94	9 Apr 75	26 Apr 75	23	419	436	16 Mar 76	2 Apr 76
5	95	112	27 Apr 75	14 May 75	24	437	454	3 Apr 76	20 Apr 76
6	113	130	15 May 75	1 Jun 75	25	455	472	21 Apr 76	8 May 76
7	131	148	2 Jun 75	19 Jun 75	26	473	490	9 May 76	26 May 76
8	149	188	20 Jun 75	7 Jul 75	27	491	508	27 May 76	13 Jun 76
9	167	184	8 Jul 75	25 Jul 75	28	509	526	14 Jun 76	1 Jul 76
10	185	202	26 Jul 75	12 Aug 75	29	527	544	2 Jul 76	19 Jul 76
11	203	220	13 Aug 75	30 Aug 75	30	545	562	20 Jul 76	6 Aug 76
12	221	238	31 Aug 75	17 Sep 75	31	563	580	7 Aug 76	24 Aug 76
13	239	256	18 Sep 75	5 Oct 75	32	581	598	25 Aug 76	11 Sep 76
14	257	274	6 Oct 75	23 Oct 75	33	599	616	12 Sep 76	29 Sep 76
15	275	292	24 Oct 75	10 Nov 75	34	617	634	30 Sep 76	17 Oct 76
16	293	310	11 Nov 75	28 Nov 75	35	635	652	18 Oct 76	4 Nov 76
17	311	328	29 Nov 75	16 Dec 75	36	653	670	5 Nov 76	22 Nov 76
18	329	346	17 Dec 75	3 Jan 76	37	671	688	23 Nov 76	10 Dec 76

# **OBSERVATION ID LISTING**

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0001

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SAT PATH NUMBER	FRAME ROW NUMBER
2365-15081	00000/0000	2-10015/0074	01/22/76	20	5088	4841N	07435W	16.4	150.3	PP G			17	26
2365-15084	00000/0000	2-10015/0075	01/22/76	30	5088	4716N	07512W	17.4	149.6	FPPG			17	27
2365-15090	00000/0000	2-10015/0076	01/22/76	10	5088	4552N	07547W	18.5	148.9	GFFG			17	28
2365-15093	00000/0000	2-10015/0077	01/22/76	10	5088	4427N	07621W	19.5	148.3	GFFG			17	29
2365-15095	00000/0000	2-10015/0078	01/22/76	60	5088	4301N	07654W	20.5	147.6	GGFF			17	30
2365-15102	00000/0000	2-10015/0079	01/22/76	60	5088	4136N	07725W	21.6	146.9	FFFG			17	31
2365-15104	00000/0000	2-10015/0080	01/22/76	70	5088	4011N	07755W	22.6	146.2	FFFG			17	32
2365-15111	00000/0000	2-10015/0081	01/22/76	50	5088	3845N	07825W	23.6	145.5	FGFG			17	33
2365-15113	00000/0000	2-10015/0082	01/22/76	20	5088	3720N	07853W	24.6	144.8	GGFF			17	34
2365-15120	00000/0000	2-10015/0083	01/22/76	10	5088	3554N	07920W	25.6	144.1	FFFF			17	35
2365-15122	00000/0000	2-10015/0084	01/22/76	0	5088	3428N	07947W	26.6	143.4	FFFF			17	36
2365-15125	00000/0000	2-10015/0085	01/22/76	0	5088	3302N	08013W	27.6	142.7	FFFF			17	37
2365-15131	00000/0000	2-10015/0086	01/22/76	0	5088	3136N	08038W	28.5	141.9	FGFF			17	38
2365-15134	00000/0000	2-10015/0087	01/22/76	0	5088	3011N	08103W	29.5	141.2	FFFF			17	39
2365-15140	00000/0000	2-10015/0088	01/22/76	0	5088	2845N	08127W	30.4	140.4	FFFF			17	40
2365-15143	00000/0000	2-10015/0089	01/22/76	0	5088	2718N	08151W	31.4	139.6	FFFF			17	41
2365-15145	00000/0000	2-10015/0090	01/22/76	0	5088	2553N	08215W	32.3	138.7	FFFF			17	42
2365-15152	00000/0000	2-10015/0091	01/22/76	20	5088	2427N	08238W	33.2	137.9	FFFF			17	43
2365-16510	00000/0000	2-10015/0133	01/22/76	100	5089	5006N	09949W	15.3	151.0	GGGG			35	25
2365-16513	00000/0000	2-10015/0134	01/22/76	90	5089	4842N	10027W	16.4	150.3	GGGG			35	26
2365-16515	00000/0000	2-10015/0135	01/22/76	40	5089	4717N	10104W	17.4	149.6	GGGG			35	27
2365-16522	00000/0000	2-10015/0136	01/22/76	10	5089	4552N	10139W	18.5	148.9	GGGG			35	28
2365-16533	00000/0000	2-10015/0137	01/22/76	0	5089	4137N	10317W	21.6	146.9	GGGG			35	31
2365-16540	00000/0000	2-10015/0138	01/22/76	0	5089	4011N	10347W	22.6	146.2	GGGG			35	32
2365-16542	00000/0000	2-10015/0139	01/22/76	0	5089	3846N	10416W	23.6	145.5	GGGG			35	33
2365-16545	00000/0000	2-10015/0140	01/22/76	0	5089	3720N	10444W	24.6	144.8	GGGG			35	34
2365-16551	00000/0000	2-10015/0141	01/22/76	10	5089	3555N	10511W	25.6	144.1	GGGG			35	35
2365-16554	00000/0000	2-10015/0142	01/22/76	10	5089	3429N	10537W	26.6	143.4	GGGG			35	36
2365-16560	00000/0000	2-10015/0143	01/22/76	0	5089	3303N	10603W	27.6	142.7	GGGG			35	37
2365-16563	00000/0000	2-10015/0144	01/22/76	0	5089	3137N	10628W	28.5	141.9	GGGG			35	38
2365-16565	00000/0000	2-10015/0145	01/22/76	10	5089	3011N	10653W	29.5	141.2	GGGG			35	39
2365-18342	00000/0000	2-10015/0146	01/22/76	80	5090	5006N	12537W	15.3	151.0	GGGG			53	25
2365-18345	00000/0000	2-10015/0147	01/22/76	70	5090	4842N	12615W	16.4	150.3	GGGG			53	26
2365-22000	00000/0000	2-10015/0072	01/22/76	100	5092	5255N	17551W	13.2	152.4	FGFG			89	23
2365-22003	00000/0000	2-10015/0073	01/22/76	90	5092	5130N	17633W	14.3	151.6	FGFG			89	24
2366-15140	00000/0000	2-10014/1038	01/23/76	0	5102	4841N	07602W	16.5	150.1	GGGG			18	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=AND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FRM 01/22/76 TO 01/22/77

PAGE 0002

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN RST MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2366-15142	00000/0000	2-10014/1039	01/23/76	0	5102	4717N	07639W	17.6	149.5	GGGG			18	27
2366-15145	00000/0000	2-10014/1040	01/23/76	0	5102	4552N	07715W	18.6	148.8	GGGG			18	28
2366-15151	00000/0000	2-10014/1041	01/23/76	20	5102	4427N	07749W	19.7	148.1	GGGG			18	29
2366-15154	00000/0000	2-10014/1042	01/23/76	30	5102	4302N	07822W	20.7	147.4	GGGG			18	30
2366-15160	00000/0000	2-10014/1043	01/23/76	30	5102	4136N	07853W	21.7	146.7	GGGG			18	31
2366-15163	00000/0000	2-10014/1044	01/23/76	90	5102	4011N	07923W	22.8	146.1	GGGG			18	32
2366-15165	00000/0000	2-10014/1045	01/23/76	80	5102	3846N	07952W	23.8	145.4	GGGG			18	33
2366-15172	00000/0000	2-10014/1046	01/23/76	10	5102	3720N	08020W	24.8	144.7	GGGG			18	34
2366-15174	00000/0000	2-10014/1047	01/23/76	0	5102	3555N	08048W	25.8	143.9	GGGG			18	35
2366-15181	00000/0000	2-10014/1048	01/23/76	0	5102	3429N	08114W	26.7	143.2	GGGG			18	36
2366-15183	00000/0000	2-10014/1049	01/23/76	0	5102	3303N	08140W	27.7	142.5	GGGG			18	37
2366-15190	00000/0000	2-10014/1050	01/23/76	0	5102	3138N	08206W	28.7	141.7	GGGG			18	38
2366-15192	00000/0000	2-10014/1051	01/23/76	0	5102	3012N	08230W	29.6	140.9	GGGG			18	39
2366-15195	00000/0000	2-10014/1052	01/23/76	10	5102	2846N	08254W	30.6	140.2	GGGG			18	40
2366-15201	00000/0000	2-10014/1053	01/23/76	20	5102	2719N	08318W	31.5	139.3	GGGG			18	41
2366-15204	00000/0000	2-10014/1054	01/23/76	10	5102	2553N	08341W	32.4	138.5	GGGG			18	42
2366-16565	00000/0000	2-10015/0148	01/23/76	90	5103	5007N	10115W	15.5	150.8	FFFG			36	25
2366-16571	00000/0000	2-10015/0149	01/23/76	70	5103	4842N	10152W	16.6	150.1	FGFG			36	26
2366-16574	00000/0000	2-10015/0150	01/23/76	20	5103	4718N	10228W	17.6	149.4	FGFG			36	27
2366-16580	00000/0000	2-10015/0151	01/23/76	40	5103	4553N	10303W	18.7	148.8	FGFG			36	28
2366-16583	00000/0000	2-10015/0152	01/23/76	90	5103	4428N	10337W	19.7	148.1	FGFF			36	29
2366-16585	00000/0000	2-10015/0092	01/23/76	90	5103	4302N	10410W	20.7	147.4	GGFG			36	30
2366-16592	00000/0000	2-10015/0093	01/23/76	60	5103	4137N	10442W	21.7	146.7	GGGG			36	31
2366-16594	00000/0000	2-10015/0094	01/23/76	0	5103	4012N	10511W	22.8	146.0	GGGG			36	32
2366-17001	00000/0000	2-10015/0095	01/23/76	0	5103	3847N	10540W	23.8	145.3	GGGG			36	33
2366-17003	00000/0000	2-10015/0096	01/23/76	20	5103	3721N	10609W	24.8	144.6	GGGG			36	34
2366-17010	00000/0000	2-10015/0097	01/23/76	30	5103	3556N	10636W	25.8	143.9	GGGG			36	35
2366-17012	00000/0000	2-10015/0098	01/23/76	20	5103	3430N	10702W	26.8	143.2	GGGG			36	36
2366-17015	00000/0000	2-10015/0099	01/23/76	90	5103	3304N	10728W	27.7	142.5	GGGG			36	37
2366-17021	00000/0000	2-10015/0100	01/23/76	70	5103	3138N	10753W	28.7	141.7	GGGG			36	38
2366-17024	00000/0000	2-10015/0101	01/23/76	80	5103	3012N	10818W	29.6	140.9	GGGG			36	39
2366-22052	00000/0000	2-10015/0181	01/23/76	80	5106	5419N	17632W	12.4	153.0	FGGG			90	22
2366-22055	00000/0000	2-10015/0182	01/23/76	30	5106	5255N	17716W	13.4	152.2	GGGG			90	23
2366-22061	00000/0000	2-10015/0183	01/23/76	50	5106	5130N	17759W	14.5	151.5	GGFG			90	24
2367-15194	00000/0000	2-10015/0184	01/24/76	0	5116	4838N	07731W	16.8	150.0	GGGG			19	26
2367-15201	00000/0000	2-10015/0185	01/24/76	10	5116	4714N	07807W	17.8	149.3	GGGG			19	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0003

OBSERVATION ID	MICROFILM POSITION IN REEL RBV	REEL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2367-15203	00000/0000	2-10015/0186	01/24/76	10	5116	4549N	07842W	18.9	148.6	GGGG			19	28
2367-15210	00000/0000	2-10015/0187	01/24/76	70	5116	4425N	07915W	19.9	147.9	GGGG			19	29
2367-15212	00000/0000	2-10015/0188	01/24/76	100	5116	4300N	07948W	20.9	147.2	GGGG			19	30
2367-15215	00000/0000	2-10015/0189	01/24/76	100	5116	4134N	08019W	22.0	146.5	GGGG			19	31
2367-15221	00000/0000	2-10015/0190	01/24/76	60	5116	4009N	08049W	23.0	145.8	GGGG			19	32
2367-15224	00000/0000	2-10015/0191	01/24/76	70	5116	3843N	08118W	24.0	145.2	GGGG			19	33
2367-15230	00000/0000	2-10015/0192	01/24/76	100	5116	3718N	08147W	25.0	144.4	GGGG			19	34
2367-15233	00000/0000	2-10015/0193	01/24/76	90	5116	3552N	08214W	26.0	143.7	GGGG			19	35
2367-15235	00000/0000	2-10015/0194	01/24/76	100	5116	3426N	08241W	26.9	143.0	GGGG			19	36
2367-15242	00000/0000	2-10015/0195	01/24/76	90	5116	3300N	08306W	27.9	142.2	GGGG			19	37
2367-15244	00000/0000	2-10015/0196	01/24/76	50	5116	3134N	08332W	28.9	141.5	GGGG			19	38
2367-15253	00000/0000	2-10015/0197	01/24/76	30	5116	2843N	08421W	30.8	139.9	FFGF			19	40
2367-15260	00000/0000	2-10015/0198	01/24/76	40	5116	2717N	08445W	31.7	139.1	FFGF			19	41
2367-17030	00000/0000	2-10015/0153	01/24/76	70	5117	4840N	10320W	16.8	150.0	G			37	26
2367-17032	00000/0000	2-10015/0154	01/24/76	40	5117	4715N	10356W	17.8	149.3	G			37	27
2367-17035	00000/0000	2-10015/0155	01/24/76	30	5117	4550N	10431W	18.9	148.6	GGGG			37	28
2367-17050	00000/0000	2-10015/0156	01/24/76	90	5117	4135N	10608W	22.0	146.5	FFGG			37	31
2367-17053	00000/0000	2-10015/0157	01/24/76	100	5117	4009N	10638W	23.0	145.8	FFGG			37	32
2367-17055	00000/0000	2-10015/0158	01/24/76	90	5117	3844N	10707W	24.0	145.1	FFGG			37	33
2367-17062	00000/0000	2-10015/0159	01/24/76	90	5117	3718N	10735W	25.0	144.4	GGFG			37	34
2367-17064	00000/0000	2-10015/0160	01/24/76	80	5117	3553N	10802W	26.0	143.7	GGFG			37	35
2367-17071	00000/0000	2-10015/0161	01/24/76	40	5117	3428N	10828W	27.0	143.0	GGGG			37	36
2367-17073	00000/0000	2-10015/0162	01/24/76	40	5117	3302N	10854W	27.9	142.2	GGGG			37	37
2367-17080	00000/0000	2-10015/0163	01/24/76	30	5117	3136N	10919W	28.9	141.5	GGGG			37	38
2367-17082	00000/0000	2-10015/0164	01/24/76	30	5117	3010N	10944W	29.8	140.7	GGGG			37	39
2367-22115	00000/0000	2-10015/0025	01/24/76	40	5120	5130N	17925W	14.7	151.4	GGGG			91	24
2368-15252	00000/0000	2-10015/0165	01/25/76	0	5130	4840N	07855W	17.0	149.8	GGGG			20	26
2368-15255	00000/0000	2-10015/0166	01/25/76	0	5130	4715N	07932W	18.0	149.1	GGGG			20	27
2368-15261	00000/0000	2-10015/0167	01/25/76	10	5130	4550N	08007W	19.1	148.4	GGGG			20	28
2368-15264	00000/0000	2-10015/0168	01/25/76	40	5130	4425N	08041W	20.1	147.7	GGGG			20	29
2368-15270	00000/0000	2-10015/0169	01/25/76	80	5130	4300N	08113W	21.1	147.1	GGGG			20	30
2368-15273	00000/0000	2-10015/0170	01/25/76	100	5130	4134N	08145W	22.1	146.4	GGGG			20	31
2368-15275	00000/0000	2-10015/0171	01/25/76	100	5130	4009N	08215W	23.2	145.7	GGGG			20	32
2368-15282	00000/0000	2-10015/0172	01/25/76	100	5130	3843N	08245W	24.2	145.0	GGGG			20	33
2368-15284	00000/0000	2-10015/0173	01/25/76	90	5130	3718N	08313W	25.2	144.3	GGGG			20	34
2368-15291	00000/0000	2-10015/0174	01/25/76	90	5130	3553N	08340W	26.1	143.5	GGGG			20	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FR84 01/22/76 TO 01/22/77

PAGE 0004

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LRNG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2368-15293	00000/0000 2-10015/0175	01/25/76	90	5130	3427N	08406W	27.1	142.8	GGFG		20	36
2368-15300	00000/0000 2-10015/0176	01/25/76	90	5130	3301N	08432W	28.1	142.0	GGFG		20	37
2368-15302	00000/0000 2-10015/0177	01/25/76	90	5130	3136N	08457W	29.0	141.3	GGFG		20	38
2368-15305	00000/0000 2-10015/0178	01/25/76	80	5130	3010N	08522W	30.0	140.5	GGGG		20	39
2368-15311	00000/0000 2-10015/0179	01/25/76	70	5130	2844N	08546W	30.9	139.7	GGGG		20	40
2368-15314	00000/0000 2-10015/0180	01/25/76	70	5130	2718N	08610W	31.8	138.9	GGFG		20	41
2368-17081	00000/0000 2-10015/0102	01/25/76	50	5131	5005N	10410W	15.9	150.5	GGFG		38	25
2368-17084	00000/0000 2-10015/0103	01/25/76	30	5131	4840N	10448W	17.0	149.8	FGGG		38	26
2368-17090	00000/0000 2-10015/0104	01/25/76	60	5131	4716N	10524W	18.0	149.1	GGGG		38	27
2368-17093	00000/0000 2-10015/0105	01/25/76	80	5131	4551N	10558W	19.1	148.4	FGGG		38	28
2368-17095	00000/0000 2-10015/0106	01/25/76	60	5131	4426N	10630W	20.1	147.7	GGGG		38	29
2368-17102	00000/0000 2-10015/0107	01/25/76	70	5131	4300N	10702W	21.1	147.0	FGFG		38	30
2368-17104	00000/0000 2-10015/0108	01/25/76	80	5131	4135N	10734W	22.2	146.4	FGFG		38	31
2368-17111	00000/0000 2-10015/0109	01/25/76	90	5131	4009N	10804W	23.2	145.7	FGGG		38	32
2368-17113	00000/0000 2-10015/0110	01/25/76	70	5131	3844N	10833W	24.2	145.0	FGGG		38	33
2368-17120	00000/0000 2-10015/0111	01/25/76	40	5131	3718N	10901W	25.2	144.2	GGFG		38	34
2368-17122	00000/0000 2-10015/0112	01/25/76	10	5131	3553N	10929W	26.2	143.5	FGFF		38	35
2368-17125	00000/0000 2-10015/0113	01/25/76	20	5131	3427N	10955W	27.1	142.8	GGGG		38	36
2368-17131	00000/0000 2-10015/0114	01/25/76	0	5131	3301N	11021W	28.1	142.0	FGGG		38	37
2368-17134	00000/0000 2-10015/0115	01/25/76	0	5131	3136N	11047W	29.0	141.3	FGGG		38	38
2368-17140	00000/0000 2-10015/0116	01/25/76	10	5131	3009N	11112W	30.0	140.5	FGFG		38	39
2368-18495	00000/0000 2-10015/0199	01/25/76	100	5132	5541N	12700W	11.7	153.5	GGGG		56	21
2368-18502	00000/0000 2-10015/0200	01/25/76	100	5132	5417N	12747W	12.8	152.7	GGGG		56	22
2369-15311	00000/0000 2-10015/0117	01/26/76	100	5144	4840N	08022W	17.2	149.7	GGGG		21	26
2369-15313	00000/0000 2-10015/0118	01/26/76	100	5144	4716N	08059W	18.2	149.0	GGGG		21	27
2369-15320	00000/0000 2-10015/0119	01/26/76	90	5144	4551N	08134W	19.3	148.3	GGGG		21	28
2369-15322	00000/0000 2-10015/0120	01/26/76	100	5144	4426N	08208W	20.3	147.6	GGGG		21	29
2369-15325	00000/0000 2-10015/0121	01/26/76	90	5144	4301N	08240W	21.3	146.9	FGGG		21	30
2369-15331	00000/0000 2-10015/0122	01/26/76	100	5144	4135N	08312W	22.3	146.2	GGGG		21	31
2369-15334	00000/0000 2-10015/0123	01/26/76	100	5144	4010N	08342W	23.3	145.5	GGGG		21	32
2369-15340	00000/0000 2-10015/0124	01/26/76	100	5144	3845N	08411W	24.3	144.8	GGGG		21	33
2369-15343	00000/0000 2-10015/0125	01/26/76	100	5144	3719N	08439W	25.3	144.1	FGGG		21	34
2369-15345	00000/0000 2-10015/0126	01/26/76	100	5144	3553N	08506W	26.3	143.3	FGGG		21	35
2369-15352	00000/0000 2-10015/0127	01/26/76	100	5144	3428N	08533W	27.3	142.6	GGGG		21	36
2369-15354	00000/0000 2-10015/0128	01/26/76	100	5144	3302N	08559W	28.3	141.8	GGGG		21	37
2369-15361	00000/0000 2-10015/0129	01/26/76	90	5144	3136N	08624W	29.2	141.1	GGGG		21	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... BLANK=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... BLANK=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0005

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN FLEV.	SUN AZIM.	IMAGE RBV	QUAL MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2369-15363	00000/0000	2-10015/0130	01/26/76	90	5144	3011N	08649W	30.1	140.3		GGGG			21	39
2369-15370	00000/0000	2-10015/0131	01/26/76	100	5144	2845N	08713W	31.1	139.5		GGGG			21	40
2369-15372	00000/0000	2-10015/0132	01/26/76	90	5144	2719N	08737W	32.0	138.6		GGFG			21	41
2369-17140	00000/0000	2-10015/0209	01/26/76	80	5145	5005N	10534W	16.2	150.4		GGFG			39	25
2369-17142	00000/0000	2-10015/0210	01/26/76	70	5145	4840N	10613W	17.2	149.7		GGFG			39	26
2369-17145	00000/0000	2-10015/0211	01/26/76	80	5145	4715N	10649W	18.2	149.0		GGGG			39	27
2369-17151	00000/0000	2-10015/0212	01/26/76	60	5145	4550N	10724W	19.3	148.3		GGGG			39	28
2369-17154	00000/0000	2-10015/0213	01/26/76	50	5145	4426N	10758W	20.3	147.6		GGGG			39	29
2369-17160	00000/0000	2-10015/0214	01/26/76	40	5145	4301N	10830W	21.3	146.9		GGFG			39	30
2369-17165	00000/0000	2-10015/0215	01/26/76	30	5145	4010N	10930W	23.4	145.5		GGGG			39	32
2369-17172	00000/0000	2-10015/0216	01/26/76	0	5145	3845N	10959W	24.4	144.8		GGGG			39	31
2369-17174	00000/0000	2-10015/0217	01/26/76	0	5145	3720N	11027W	25.3	144.1		GGGG			39	34
2369-17181	00000/0000	2-10015/0218	01/26/76	0	5145	3554N	11054W	26.3	143.3		GGGG			39	35
2369-17183	00000/0000	2-10015/0219	01/26/76	0	5145	3428N	11120W	27.3	142.6		GGGG			39	36
2369-17190	00000/0000	2-10015/0220	01/26/76	0	5145	3302N	11146W	28.3	141.8		GGGG			39	37
2369-17192	00000/0000	2-10015/0221	01/26/76	0	5145	3136N	11211W	29.2	141.0		GGFG			39	38
2369-17195	00000/0000	2-10015/0222	01/26/76	0	5145	3011N	11236W	30.2	140.3		GGFG			39	39
2369-20364	00000/0000	2-10015/0201	01/26/76	100	5147	6235N	14924W	6.6	157.9		GGGG			75	16
2369-20371	00000/0000	2-10015/0202	01/26/76	90	5147	6113N	15032W	7.7	156.9		GGGG			75	17
2369-20373	00000/0000	2-10015/0203	01/26/76	90	5147	5951N	15133W	8.8	155.9		GGGG			75	18
2369-20380	00000/0000	2-10015/0204	01/26/76	100	5147	5828N	15231W	9.8	155.0		GGGG			75	19
2369-20382	00000/0000	2-10015/0205	01/26/76	100	5147	5705N	15324W	10.9	154.2		GGFG			75	20
2369-20385	00000/0000	2-10015/0206	01/26/76	100	5147	5541N	15414W	12.0	153.4		GGFG			75	21
2369-20391	00000/0000	2-10015/0207	01/26/76	90	5147	5417N	15502W	13.0	152.6		GGGG			75	22
2369-20394	00000/0000	2-10015/0208	01/26/76	100	5147	5253N	15547W	14.1	151.8		GGGG			75	23
2370-15365	00000/0000	2-10015/0223	01/27/76	10	5158	4837N	08151W	17.4	149.5		GGGG			22	26
2370-15372	00000/0000	2-10015/0224	01/27/76	40	5158	4712N	08228W	18.5	148.8		GGGG			22	27
2370-15374	00000/0000	2-10015/0225	01/27/76	30	5158	4547N	08303W	19.5	148.1		GGGG			22	28
2370-15381	00000/0000	2-10015/0226	01/27/76	10	5158	4422N	08336W	20.5	147.4		GGGG			22	29
2370-15383	00000/0000	2-10015/0227	01/27/76	10	5158	4257N	08408W	21.6	146.7		GGGG			22	30
2370-15390	00000/0000	2-10015/0228	01/27/76	10	5158	4132N	08439W	22.6	146.0		GGGG			22	31
2370-15392	00000/0000	2-10015/0229	01/27/76	10	5158	4006N	08509W	23.6	145.3		GGGG			22	32
2370-15395	00000/0000	2-10015/0230	01/27/76	20	5158	3841N	08538W	24.6	144.6		GGGG			22	33
2370-15401	00000/0000	2-10015/0231	01/27/76	30	5158	3715N	08606W	25.6	143.9		GGGG			22	34
2370-15404	00000/0000	2-10015/0232	01/27/76	40	5158	3550N	08634W	26.5	143.1		GGGG			22	35
2370-15410	00000/0000	2-10015/0233	01/27/76	60	5158	3424N	08701W	27.5	142.4		GGGG			22	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0006

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN PRINCIPAL PRINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2370-15413	00000/0000 2-10015/0234	01/27/76	50	5158	3258N	08726W	28.5	141.6	GGGG			22	37
2370-15415	00000/0000 2-10015/0235	01/27/76	30	5158	3132N	08751W	29.4	140.8	GGGG			22	38
2370-15422	00000/0000 2-10015/0236	01/27/76	50	5158	3006N	08816W	30.3	140.0	GGGG			22	39
2370-15424	00000/0000 2-10015/0237	01/27/76	90	5158	2841N	08840W	31.3	139.2	GGGG			22	40
2370-15431	00000/0000 2-10015/0238	01/27/76	80	5158	2715N	08904W	32.2	138.4	GGGG			22	41
2370-17194	00000/0000 2-10015/0811	01/27/76	90	5159	5002N	10701W	16.4	150.2	GGGG			40	25
2370-17201	00000/0000 2-10015/0812	01/27/76	90	5159	4838N	10740W	17.5	149.5	GGGG			40	26
2370-17203	00000/0000 2-10015/0813	01/27/76	100	5159	4713N	10816W	18.5	148.8	GGGG			40	27
2370-17230	00000/0000 2-10015/0814	01/27/76	0	5159	3842N	11126W	24.6	144.6	GGGG			40	33
2370-17233	00000/0000 2-10015/0815	01/27/76	0	5159	3716N	11154W	25.6	143.8	GGGG			40	34
2370-20432	00000/0000 2-10015/0026	01/27/76	90	5161	5948N	15301W	9.0	155.8	GGGG			76	18
2370-20434	00000/0000 2-10015/0027	01/27/76	40	5161	5825N	15359W	10.1	154.9	GGGG			76	19
2370-20441	00000/0000 2-10015/0028	01/27/76	60	5161	5702N	15453W	11.2	154.0	GGGG			76	20
2370-22284	00000/0000 2-10015/0029	01/27/76	90	5162	5249N	17654E	14.4	151.6	GGGG			94	23
2371-15423	00000/0000 2-10015/0239	01/28/76	90	5172	4838N	08317W	17.7	149.4	GGGG			23	26
2371-15430	00000/0000 2-10015/0240	01/28/76	100	5172	4713N	08353W	18.7	148.6	GGGG			23	27
2371-15432	00000/0000 2-10015/0241	01/28/76	100	5172	4548N	08428W	19.7	147.9	GGGG			23	28
2371-15435	00000/0000 2-10015/0242	01/28/76	100	5172	4424N	08501W	20.7	147.2	GGGG			23	29
2371-15441	00000/0000 2-10015/0243	01/28/76	100	5172	4258N	08534W	21.8	146.5	GGGG			23	30
2371-15444	00000/0000 2-10015/0244	01/28/76	100	5172	4133N	08606W	22.8	145.8	GGGG			23	31
2371-15450	00000/0000 2-10015/0245	01/28/76	80	5172	4007N	08637W	23.8	145.1	GGGG			23	32
2371-15453	00000/0000 2-10015/0246	01/28/76	40	5172	3842N	08706W	24.8	144.4	GGGG			23	33
2371-15455	00000/0000 2-10015/0247	01/28/76	40	5172	3716N	08734W	25.8	143.7	GGGG			23	34
2371-15462	00000/0000 2-10015/0248	01/28/76	10	5172	3551N	08802W	26.7	142.9	GGGG			23	35
2371-15464	00000/0000 2-10015/0249	01/28/76	0	5172	3425N	08828W	27.7	142.2	GGGG			23	36
2371-15471	00000/0000 2-10015/0250	01/28/76	0	5172	3259N	08854W	28.6	141.4	GGGG			23	37
2371-15473	00000/0000 2-10015/0251	01/28/76	0	5172	3133N	08919W	29.6	140.6	GGGG			23	38
2371-15480	00000/0000 2-10015/0252	01/28/76	0	5172	3008N	08944W	30.5	139.8	GGGG			23	39
2371-15482	00000/0000 2-10015/0253	01/28/76	0	5172	2842N	09008W	31.4	139.0	GGGG			23	40
2371-17252	00000/0000 2-10015/0254	01/28/76	0	5173	5002N	10827W	16.6	150.1	GGGG			41	25
2371-17264	00000/0000 2-10015/0255	01/28/76	10	5173	4548N	11017W	19.7	147.9	GGGG			41	28
2371-17282	00000/0000 2-10015/0256	01/28/76	0	5173	4008N	11223W	23.8	145.1	GGGG			41	32
2371-17284	00000/0000 2-10015/0257	01/28/76	0	5173	3843N	11252W	24.8	144.4	GGGG			41	33
2371-17291	00000/0000 2-10015/0258	01/28/76	0	5173	3717N	11320W	25.8	143.7	GGGG			41	34
2371-17293	00000/0000 2-10015/0259	01/28/76	0	5173	3551N	11348W	26.7	142.9	GGGG			41	35
2371-17300	00000/0000 2-10015/0260	01/28/76	0	5173	3426N	11415W	27.7	142.2	GGGG			41	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0007

OBSERVATION ID	MICROFILM RELI NO., POSITION IN RELI RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2371-17302	00000/0000 2-10015/0261	01/28/76	0	5173	3300N 11440W	28.7	141.4	GGGG			41	37
2371-17305	00000/0000 2-10015/0262	01/28/76	0	5173	3134N 11505W	29.6	140.6	GGGG			41	38
2372-15482	00000/0000 2-10015/0043	01/29/76	0	5186	4841N 08442W	17.8	149.2	GGGG			24	26
2372-15484	00000/0000 2-10015/0044	01/29/76	40	5186	4717N 08518W	18.9	148.5	GGGG			24	27
2372-15491	00000/0000 2-10015/0045	01/29/76	60	5186	4553N 08552W	19.9	147.8	GGGG			24	28
2372-15493	00000/0000 2-10015/0046	01/29/76	70	5186	4428N 08625W	20.9	147.1	FGGG			24	29
2372-15500	00000/0000 2-10015/0047	01/29/76	60	5186	4303N 08657W	21.9	146.4	FFGG			24	30
2372-15502	00000/0000 2-10015/0048	01/29/76	20	5186	4138N 08727W	22.9	145.7	FGGG			24	31
2372-15505	00000/0000 2-10015/0049	01/29/76	10	5186	4013N 08758W	23.9	145.0	FGGG			24	32
2372-15511	00000/0000 2-10015/0050	01/29/76	10	5186	3847N 08827W	24.9	144.2	GGGG			24	33
2372-15514	00000/0000 2-10015/0051	01/29/76	10	5186	3722N 08855W	25.9	143.5	GGGG			24	34
2372-15520	00000/0000 2-10015/0052	01/29/76	10	5186	3556N 08923W	26.9	142.8	GGGG			24	35
2372-15523	00000/0000 2-10015/0053	01/29/76	0	5186	3431N 08949W	27.8	142.0	GGGG			24	36
2372-15525	00000/0000 2-10015/0054	01/29/76	0	5186	3305N 09016W	28.8	141.2	GGG			24	37
2372-15532	00000/0000 2-10015/0055	01/29/76	0	5186	3139N 09041W	29.7	140.4	GGGG			24	38
2372-15534	00000/0000 2-10015/0056	01/29/76	0	5186	3013N 09106W	30.7	139.6	GGGG			24	39
2372-15541	00000/0000 2-10015/0057	01/29/76	10	5186	2847N 09130W	31.6	138.8	GGGG			24	40
2372-17313	00000/0000 2-10015/0030	01/29/76	40	5187	4843N 11030W	17.9	149.2	GGGG			42	26
2372-17320	00000/0000 2-10015/0031	01/29/76	20	5187	4718N 11107W	18.9	148.5	GGGG			42	27
2372-17322	00000/0000 2-10015/0032	01/29/76	10	5187	4553N 11141W	19.9	147.8	GGGG			42	28
2372-17325	00000/0000 2-10015/0033	01/29/76	20	5187	4427N 11215W	20.9	147.1	GGGG			42	29
2372-17331	00000/0000 2-10015/0034	01/29/76	10	5187	4302N 11247W	22.0	146.4	GGGG			42	30
2372-17334	00000/0000 2-10015/0035	01/29/76	0	5187	4137N 11318W	23.0	145.7	GGGG			42	31
2372-17340	00000/0000 2-10015/0036	01/29/76	0	5187	4012N 11348W	24.0	145.0	GGGG			42	32
2372-17343	00000/0000 2-10015/0037	01/29/76	0	5187	3847N 11418W	24.9	144.2	GGGG			42	33
2372-17345	00000/0000 2-10015/0038	01/29/76	0	5187	3721N 11446W	25.9	143.5	GGGG			42	34
2372-17352	00000/0000 2-10015/0039	01/29/76	0	5187	3556N 11514W	26.9	142.7	GGGG			42	35
2372-17354	00000/0000 2-10015/0040	01/29/76	0	5187	3430N 11541W	27.9	142.0	GGGG			42	36
2372-17361	00000/0000 2-10015/0041	01/29/76	0	5187	3304N 11607W	28.8	141.2	GGFF			42	37
2372-17363	00000/0000 2-10015/0042	01/29/76	0	5187	3138N 11632W	29.7	140.4	GGFG			42	38
2372-20551	00000/0000 2-10015/0263	01/29/76	100	5189	5829N 15648W	10.5	154.7	PGFF			78	19
2372-20553	00000/0000 2-10015/0264	01/29/76	100	5189	5706N 15742W	11.6	153.8	FGFG			78	20
2372-20560	00000/0000 2-10015/0265	01/29/76	100	5189	5542N 15832W	12.7	153.0	FGGG			78	21
2372-20562	00000/0000 2-10015/0266	01/29/76	100	5189	5418N 15920W	13.7	152.2	FGFG			78	22
2372-22394	00000/0000 2-10015/0267	01/29/76	70	5190	5418N 17452E	13.7	152.2	FFGG			96	22
2372-22400	00000/0000 2-10015/0268	01/29/76	70	5190	5254N 17406E	14.8	151.4	GGGG			96	23

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0008

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN RBT MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2373-15540	00000/0000	2-10015/0286	01/30/76	20	5200	4839N	08608W	18.1	149.1	GGGG			25	26
2373-15542	00000/0000	2-10015/0287	01/30/76	80	5200	4714N	08644W	19.1	148.3	GGGG			25	27
2373-15545	00000/0000	2-10015/0288	01/30/76	40	5200	4550N	08719W	20.2	147.6	FGFG			25	28
2373-15551	00000/0000	2-10015/0289	01/30/76	80	5200	4425N	08752W	21.2	146.9	FGGG			25	29
2373-15554	00000/0000	2-10015/0290	01/30/76	70	5200	4300N	08825W	22.2	146.2	GGGG			25	30
2373-15560	00000/0000	2-10015/0291	01/30/76	70	5200	4135N	08856W	23.2	145.5	GGGG			25	31
2373-15563	00000/0000	2-10015/0292	01/30/76	90	5200	4010N	08926W	24.2	144.8	GGFG			25	32
2373-15565	00000/0000	2-10015/0293	01/30/76	60	5200	3845N	08955W	25.2	144.0	GGGG			25	33
2373-15572	00000/0000	2-10015/0294	01/30/76	10	5200	3719N	09023W	26.2	143.3	GGGG			25	34
2373-15574	00000/0000	2-10015/0295	01/30/76	0	5200	3554N	09051W	27.1	142.5	GGFG			25	35
2373-15581	00000/0000	2-10015/0296	01/30/76	0	5200	3428N	09117W	28.1	141.8	FGFG			25	36
2373-15583	00000/0000	2-10015/0297	01/30/76	0	5200	3302N	09143W	29.0	141.0	FFGG			25	37
2373-15590	00000/0000	2-10015/0298	01/30/76	0	5200	3137N	09208W	30.0	140.2	GGGG			25	38
2373-15592	00000/0000	2-10015/0299	01/30/76	0	5200	3010N	09233W	30.9	139.4	FGGG			25	39
2373-17365	00000/0000	2-10015/0269	01/30/76	0	5201	5004N	11120W	17.1	145.8	FFGF			43	25
2373-17372	00000/0000	2-10015/0270	01/30/76	10	5201	4839N	11158W	18.1	149.1	FGGF			43	26
2373-17374	00000/0000	2-10015/0271	01/30/76	30	5201	4714N	11234W	19.2	148.3	FGGF			43	27
2373-17381	00000/0000	2-10015/0272	01/30/76	10	5201	4550N	11309W	20.2	147.6	FGGF			43	28
2373-17383	00000/0000	2-10015/0273	01/30/76	0	5201	4425N	11342W	21.2	146.9	GGGF			43	29
2373-17390	00000/0000	2-10015/0274	01/30/76	40	5201	4300N	11415W	22.2	146.2	GGGF			43	30
2373-17392	00000/0000	2-10015/0275	01/30/76	0	5201	4135N	11446W	23.2	145.5	FGGF			43	31
2373-17395	00000/0000	2-10015/0276	01/30/76	10	5201	4009N	11516W	24.2	144.7	FGGF			43	32
2373-17401	00000/0000	2-10015/0277	01/30/76	10	5201	3844N	11545W	25.2	144.0	FGGF			43	33
2373-17404	00000/0000	2-10015/0278	01/30/76	10	5201	3718N	11613W	26.2	143.3	GGGF			43	34
2373-17410	00000/0000	2-10015/0279	01/30/76	10	5201	3552N	11640W	27.1	142.5	FGGF			43	35
2373-17415	00000/0000	2-10015/0280	01/30/76	20	5201	3300N	11732W	29.0	141.0	FGGF			43	37
2373-21005	00000/0000	2-10015/0281	01/30/76	70	5203	5827N	15815W	10.8	154.6	FGFG			79	19
2373-21012	00000/0000	2-10015/0282	01/30/76	40	5203	5704N	15909W	11.9	153.7	FGGF			79	20
2373-21014	00000/0000	2-10015/0283	01/30/76	40	5203	5540N	16000W	12.9	152.8	FGGG			79	21
2373-21021	00000/0000	2-10015/0284	01/30/76	60	5203	5416N	16048W	14.0	152.0	FGGF			79	22
2373-22452	00000/0000	2-10015/0285	01/30/76	60	5204	5418N	17327E	14.0	152.1	GGGF			97	22
2374-16012	00000/0000	2-10015/0313	01/31/76	60	5214	4301N	08950W	22.4	146.0	GGGG			26	30
2374-16015	00000/0000	2-10015/0314	01/31/76	60	5214	4135N	09021W	23.4	145.3	FGGG			26	31
2374-16021	00000/0000	2-10015/0315	01/31/76	20	5214	4010N	09051W	24.4	144.6	GGGG			26	32
2374-16024	00000/0000	2-10015/0316	01/31/76	50	5214	3845N	09120W	25.4	143.8	GGFG			26	33
2374-16030	00000/0000	2-10015/0317	01/31/76	70	5214	3719N	09148W	26.4	143.1	GGGG			26	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0009

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2374-16033	00000/0000	2-10015/0318	01/31/76	70	5214	3554N	09216W	27.3	142.3	GGGG			26	35
2374-16035	00000/0000	2-10015/0319	01/31/76	60	5214	3428N	09242W	28.3	141.6	GGGG			26	36
2374-16042	00000/0000	2-10015/0320	01/31/76	60	5214	3302N	09308W	29.2	140.8	GGGG			26	37
2374-16044	00000/0000	2-10015/0321	01/31/76	70	5214	3136N	09333W	30.2	140.0	GGGG			26	38
2374-16051	00000/0000	2-10015/0322	01/31/76	70	5214	3010N	09358W	31.1	139.1	GGGG			26	39
2374-16053	00000/0000	2-10015/0323	01/31/76	80	5214	2844N	09422W	32.0	138.3	GGGG			26	40
2374-16060	00000/0000	2-10015/0324	01/31/76	70	5214	2718N	09445W	32.9	137.4	GGGG			26	41
2374-16062	00000/0000	2-10015/0325	01/31/76	50	5214	2552N	09509W	33.7	136.5	GGGG			26	42
2374-16065	00000/0000	2-10015/0326	01/31/76	30	5214	2426N	09532W	34.6	135.6	GGGG			26	43
2374-17430	00000/0000	2-10015/0363	01/31/76	90	5215	4840N	11323W	18.4	148.9	GGGG			44	26
2374-17432	00000/0000	2-10015/0364	01/31/76	90	5215	4715N	11359W	19.4	148.2	GGGG			44	27
2374-17435	00000/0000	2-10015/0365	01/31/76	10	5215	4551N	11434W	20.4	147.5	GGGG			44	28
2374-17441	00000/0000	2-10015/0366	01/31/76	0	5215	4426N	11508W	21.4	146.7	GGGG			44	29
2374-17444	00000/0000	2-10015/0367	01/31/76	0	5215	4301N	11540W	22.4	146.0	GGGG			44	30
2374-17450	00000/0000	2-10015/0368	01/31/76	0	5215	4135N	11611W	23.4	145.3	GGGG			44	31
2374-17453	00000/0000	2-10015/0369	01/31/76	0	5215	4010N	11641W	24.4	144.6	GGGG			44	32
2374-17455	00000/0000	2-10015/0370	01/31/76	0	5215	3845N	11710W	25.4	143.8	GGGG			44	33
2374-17462	00000/0000	2-10015/0371	01/31/76	0	5215	3719N	11739W	26.4	143.1	GGGG			44	34
2374-17464	00000/0000	2-10015/0372	01/31/76	0	5215	3553N	11806W	27.3	142.3	GGFG			44	35
2374-17471	00000/0000	2-10015/0373	01/31/76	10	5215	3427N	11832W	28.3	141.5	FGGG			44	36
2374-17473	00000/0000	2-10015/0374	01/31/76	40	5215	3301N	11858W	29.2	140.7	GGGG			44	37
2374-21070	00000/0000	2-10015/0327	01/31/76	10	5217	5704N	16035W	12.1	153.6	FFFF			80	20
2374-21073	00000/0000	2-10015/0328	01/31/76	10	5217	5540N	16125W	13.2	152.7	FFFF			80	21
2374-21075	00000/0000	2-10015/0329	01/31/76	80	5217	5417N	16213W	14.2	151.9	FFFF			80	22
2374-22511	00000/0000	2-10015/0330	01/31/76	40	5218	5416N	17156E	14.3	151.9	FFFF			98	22
2375-16053	00000/0000	2-10015/0331	02/01/76	20	5228	4840N	08900W	18.6	148.8	GGGG			27	26
2375-16055	00000/0000	2-10015/0332	02/01/76	80	5228	4715N	08936W	19.6	148.1	GGGG			27	27
2375-16062	00000/0000	2-10015/0333	02/01/76	40	5228	4551N	09012W	20.6	147.3	GGGG			27	28
2375-16064	00000/0000	2-10015/0334	02/01/76	0	5228	4426N	09045W	21.6	146.6	GGGG			27	29
2375-16071	00000/0000	2-10015/0335	02/01/76	10	5228	4301N	09118W	22.6	145.9	GGGG			27	30
2375-16073	00000/0000	2-10015/0336	02/01/76	20	5228	4136N	09149W	23.6	145.1	GGGG			27	31
2375-16080	00000/0000	2-10015/0337	02/01/76	10	5228	4010N	09219W	24.6	144.4	FGGG			27	32
2375-16082	00000/0000	2-10015/0338	02/01/76	30	5228	3845N	09248W	25.6	143.7	FGGG			27	33
2375-16085	00000/0000	2-10015/0339	02/01/76	10	5228	3719N	09316W	26.6	142.9	GGGG			27	34
2375-16091	00000/0000	2-10015/0340	02/01/76	10	5228	3554N	09343W	27.5	142.1	GGGG			27	35
2375-16094	00000/0000	2-10015/0341	02/01/76	10	5228	3428N	09409W	28.5	141.3	GGGG			27	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0010

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2375-16100	00000/0000 2-10015/0342	02/01/76	0	5228	3302N	09435W	29.4	140.6	FGGG			27	37
2375-16103	00000/0000 2-10015/0343	02/01/76	10	5228	3137N	09500W	30.4	139.7	FGGG			27	38
2375-16105	00000/0000 2-10015/0344	02/01/76	10	5228	3011N	09525W	31.3	138.9	FGGG			27	39
2375-16112	00000/0000 2-10015/0457	02/01/76	0	5228	2844N	09549W	32.2	138.0	GFGG			27	40
2375-16114	00000/0000 2-10015/0458	02/01/76	0	5228	2718N	09613W	33.0	137.2	GFFG			27	41
2375-16121	00000/0000 2-10015/0459	02/01/76	0	5228	2553N	09636W	33.9	136.3	GFFG			27	42
2375-17484	00000/0000 2-10015/0345	02/01/76	30	5229	4840N	11450W	18.6	148.8	GGGG			45	26
2375-17491	00000/0000 2-10015/0346	02/01/76	10	5229	4716N	11526W	19.6	148.0	GGGG			45	27
2375-17493	00000/0000 2-10015/0347	02/01/76	10	5229	4551N	11601W	20.7	147.3	GGGG			45	28
2375-17500	00000/0000 2-10015/0348	02/01/76	20	5229	4426N	11635W	21.7	146.6	GGGG			45	29
2375-17502	00000/0000 2-10015/0349	02/01/76	30	5229	4301N	11707W	22.7	145.9	GGGG			45	30
2375-17505	00000/0000 2-10015/0350	02/01/76	40	5229	4135N	11738W	23.7	145.1	GGGG			45	31
2375-17511	00000/0000 2-10015/0351	02/01/76	80	5229	4010N	11808W	24.6	144.4	GGGG			45	32
2375-17514	00000/0000 2-10015/0352	02/01/76	80	5229	3845N	11837W	25.6	143.6	GGGG			45	33
2375-17520	00000/0000 2-10015/0353	02/01/76	90	5229	3719N	11905W	26.6	142.9	GGGG			45	34
2375-17523	00000/0000 2-10015/0354	02/01/76	90	5229	3553N	11932W	27.6	142.1	GGGG			45	35
2375-17525	00000/0000 2-10015/0355	02/01/76	20	5229	3427N	11958W	28.5	141.3	GGGG			45	36
2375-17532	00000/0000 2-10015/0356	02/01/76	90	5229	3302N	12024W	29.4	140.6	GGGG			45	37
2375-21115	00000/0000 2-10015/0357	02/01/76	0	5231	5950N	16010W	10.3	155.3	GGGG			81	18
2375-21122	00000/0000 2-10015/0358	02/01/76	10	5231	5827N	16108W	11.3	154.3	GGGG			81	19
2375-21124	00000/0000 2-10015/0359	02/01/76	70	5231	5704N	16202W	12.4	153.5	GGGG			81	20
2375-21131	00000/0000 2-10015/0360	02/01/76	60	5231	5540N	16252W	13.4	152.6	GGGG			81	21
2375-21133	00000/0000 2-10015/0361	02/01/76	90	5231	5416N	16340W	14.5	151.8	GGGG			81	22
2375-21140	00000/0000 2-10015/0362	02/01/76	90	5231	5252N	16426W	15.5	151.0	GGGG			81	23
2376-16111	00000/0000 2-10015/0375	02/02/76	10	5242	4837N	09029W	18.9	148.6	GGGG			28	26
2376-16113	00000/0000 2-10015/0376	02/02/76	10	5242	4712N	09106W	19.9	147.9	GGGG			28	27
2376-16120	00000/0000 2-10015/0377	02/02/76	10	5242	4547N	09142W	20.9	147.1	GGGG			28	28
2376-16122	00000/0000 2-10015/0378	02/02/76	10	5242	4422N	09215W	21.9	146.4	GGGG			28	29
2376-16125	00000/0000 2-10015/0379	02/02/76	80	5242	4257N	09247W	22.9	145.7	GFFG			28	30
2376-16131	00000/0000 2-10015/0380	02/02/76	100	5242	4132N	09317W	23.9	144.9	GFFG			28	31
2376-16134	00000/0000 2-10015/0381	02/02/76	80	5242	4007N	09347W	24.9	144.2	GFFG			28	32
2376-16140	00000/0000 2-10015/0382	02/02/76	90	5242	3842N	09415W	25.9	143.4	GFFG			28	33
2376-16143	00000/0000 2-10015/0383	02/02/76	60	5242	3716N	09442W	26.8	142.7	GGGG			28	34
2376-16145	00000/0000 2-10015/0384	02/02/76	70	5242	3551N	09510W	27.8	141.9	GFFG			28	35
2376-16152	00000/0000 2-10015/0385	02/02/76	90	5242	3425N	09536W	28.7	141.1	GFFG			28	36
2376-16154	00000/0000 2-10015/0386	02/02/76	20	5242	3300N	09603W	29.7	140.3	GFFG			28	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

LANDSAT-2  
OBSERVATION TO LISTING  
FOR US  
FROM 01/02/76 TO 01/02/77

OBSEVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CIRCUIT COVER	SERIAL NUMBER	PRINCIPAL NAME LAT	PRINCIPAL NAME LONG	MIN ELEV.	MIN AZIM.	INSTRUMENT NO.	DATE ACQ.	TIME OF DAY	TIME OF DAY	TIME OF DAY	TIME OF DAY	TIME OF DAY
2376-16161	00000/0000	2-10015/0387	02/02/76	n	5242	31 34N	086 00W	3000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-16163	00000/0000	2-10015/0388	02/02/76	n	5243	30 00N	090 00W	3100	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-16170	00000/0000	2-10015/0407	02/02/76	n	5244	28 00N	092 17W	3000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-16172	00000/0000	2-10015/0408	02/02/76	n	5245	27 16N	092 40W	3000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-16175	00000/0000	2-10015/0409	02/02/76	n	5246	25 00N	094 00W	3000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-17543	00000/0000	2-10015/0389	02/02/76	60	5243	48 00N	115 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-17545	00000/0000	2-10015/0390	02/02/76	60	5243	47 13N	115 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-17552	00000/0000	2-10015/0391	02/02/76	60	5243	45 40N	117 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-17554	00000/0000	2-10015/0392	02/02/76	20	5243	44 30N	118 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-17561	00000/0000	2-10015/0393	02/02/76	10	5243	42 00N	118 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-17563	00000/0000	2-10015/0394	02/02/76	n	5243	41 30N	119 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-17570	00000/0000	2-10015/0395	02/02/76	n	5243	40 00N	119 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-17572	00000/0000	2-10015/0396	02/02/76	n	5243	38 00N	120 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-17575	00000/0000	2-10015/0397	02/02/76	n	5243	37 16N	120 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-17581	00000/0000	2-10015/0398	02/02/76	30	5243	35 00N	120 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-17584	00000/0000	2-10015/0399	02/02/76	90	5243	34 00N	121 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-17590	00000/0000	2-10015/0400	02/02/76	90	5243	33 00N	121 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-21174	00000/0000	2-10015/0401	02/02/76	100	5245	59 47N	114 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-21180	00000/0000	2-10015/0402	02/02/76	100	5245	58 24N	114 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-21183	00000/0000	2-10015/0403	02/02/76	100	5245	57 01N	114 00W	1000	13000	00000	02/02/76	0000	0000	0000	0000	0000
2376-21185	00000/0000	2-10015/0404	02/02/76													

二、三、四、五、六、七、八、九、十、十一、十二、十三、十四、十五、十六、十七、十八、十九、二十、二十一、二十二、二十三、二十四、二十五、二十六、二十七、二十八、二十九、三十、三十一、三十二、三十三、三十四、三十五、三十六、三十七、三十八、三十九、四十、四十一、四十二、四十三、四十四、四十五、四十六、四十七、四十八、四十九、五十、五十一、五十二、五十三、五十四、五十五、五十六、五十七、五十八、五十九、六十、六十一、六十二、六十三、六十四、六十五、六十六、六十七、六十八、六十九、七十、七十一、七十二、七十三、七十四、七十五、七十六、七十七、七十八、七十九、八十、八十一、八十二、八十三、八十四、八十五、八十六、八十七、八十八、八十九、九十、九十一、九十二、九十三、九十四、九十五、九十六、九十七、九十八、九十九、一百。



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0012

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINCIPAL OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME ROW NUMBER
2377-16195	00000/0000	2-10015/0423	02/03/76	80	5256	3843N	09540W	26.1	143.3	GFFG			29	33
2377-16201	00000/0000	2-10015/0424	02/03/76	70	5256	3717N	09608W	27.1	142.5	GGPG			29	34
2377-16204	00000/0000	2-10015/0425	02/03/76	50	5256	3551N	09636W	28.0	141.7	GGPF			29	35
2377-16210	00000/0000	2-10015/0426	02/03/76	30	5256	3426N	09702W	29.0	140.9	GGPG			29	36
2377-16213	00000/0000	2-10015/0427	02/03/76	30	5256	3300N	09728W	29.9	140.1	GGPF			29	37
2377-16216	00000/0000	2-10015/0428	02/03/76	50	5256	3134N	09753W	30.8	139.3	GGFG			29	38
2377-16222	00000/0000	2-10015/0429	02/03/76	0	5256	3008N	09818W	31.7	138.4	GGFG			29	39
2377-16224	00000/0000	2-10015/0430	02/03/76	0	5256	2843N	09842W	32.6	137.5	GGGG			29	40
2377-16231	00000/0000	2-10015/0431	02/03/76	0	5256	2717N	09905W	33.5	136.6	GGGG			29	41
2377-16233	00000/0000	2-10015/0432	02/03/76	0	5256	2551N	09929W	34.3	135.7	GGGG			29	42
2377-17594	00000/0000	2-10015/0433	02/03/76	70	5257	5002N	11703W	18.1	149.2	GGGG			47	25
2377-18001	00000/0000	2-10015/0434	02/03/76	80	5257	4837N	11741W	19.2	148.5	GGGG			47	26
2377-18003	00000/0000	2-10015/0435	02/03/76	90	5257	4713N	11817W	20.2	147.7	GGGG			47	27
2377-18010	00000/0000	2-10015/0436	02/03/76	80	5257	4548N	11852W	21.2	147.0	GGGG			47	28
2377-18012	00000/0000	2-10015/0437	02/03/76	20	5257	4423N	11926W	22.2	146.2	GGGG			47	29
2377-18015	00000/0000	2-10015/0438	02/03/76	0	5257	4257N	11958W	23.2	145.5	GGGG			47	30
2377-18021	00000/0000	2-10015/0439	02/03/76	0	5257	4132N	12029W	24.2	144.8	GGGG			47	31
2377-18024	00000/0000	2-10015/0440	02/03/76	0	5257	4008N	12100W	25.2	144.0	FGGG			47	32
2377-18030	00000/0000	2-10015/0441	02/03/76	10	5257	3842N	12129W	26.1	143.2	FGGG			47	33
2377-18033	00000/0000	2-10015/0442	02/03/76	50	5257	3716N	12157W	27.1	142.5	GGGG			47	34
2377-21232	00000/0000	2-10015/0443	02/03/76	20	5259	5946N	16301W	10.9	155.0	FGGG			83	18
2377-21235	00000/0000	2-10015/0444	02/03/76	90	5259	5824N	16359W	11.9	154.1	GGGG			83	19
2377-21241	00000/0000	2-10015/0445	02/03/76	100	5259	5701N	16453W	13.0	153.2	GGGG			83	20
2377-21244	00000/0000	2-10015/0446	02/03/76	90	5259	5537N	16544W	14.0	152.4	GGGG			83	21
2377-21250	00000/0000	2-10015/0447	02/03/76	80	5259	5413N	16632W	15.1	151.5	GGGG			83	22
2378-14394	00000/0000	2-10015/0448	02/04/76	50	5269	4713N	06807W	20.4	147.6	GGGG			12	27
2378-14401	00000/0000	2-10015/0449	02/04/76	80	5269	4548N	06842W	21.4	146.8	GGGG			12	28
2378-14403	00000/0000	2-10015/0450	02/04/76	90	5269	4423N	06916W	22.4	146.1	GGGG			12	29
2378-14410	00000/0000	2-10015/0451	02/04/76	70	5269	4258N	06948W	23.4	145.4	GGGG			12	30
2378-14412	00000/0000	2-10015/0452	02/04/76	50	5269	4133N	07019W	24.4	144.6	GGGG			12	31
2378-14415	00000/0000	2-10015/0453	02/04/76	20	5269	4008N	07049W	25.4	143.8	GGGG			12	32
2378-14421	00000/0000	2-10015/0454	02/04/76	10	5269	3842N	07118W	26.3	143.1	GGGG			12	33
2378-14424	00000/0000	2-10015/0455	02/04/76	10	5269	3717N	07146W	27.3	142.3	GGGG			12	34
2378-14430	00000/0000	2-10015/0456	02/04/76	10	5269	3551N	07213W	28.2	141.5	GGGG			12	35
2378-16224	00000/0000	2-10015/0460	02/04/76	0	5270	4838N	09319W	19.4	148.3	GGFF			30	26
2378-16230	00000/0000	2-10015/0461	02/04/76	10	5270	4713N	09356W	20.4	147.6	GGFG			30	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0013

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBV NUMBER
2378-16233	00000/0000 2-10015/0462	02/04/76	30	5270	4548N	09430W	21.4	146.8	FGGG			30	28
2378-16235	00000/0000 2-10015/0463	02/04/76	80	5270	4424N	09504W	22.4	146.1	GGFF			30	29
2378-16242	00000/0000 2-10015/0464	02/04/76	100	5270	4259N	09536W	23.4	145.3	FGFF			30	30
2378-16244	00000/0000 2-10015/0465	02/04/76	90	5270	4134N	09606W	24.4	144.6	FGFF			30	31
2378-16251	00000/0000 2-10015/0466	02/04/76	90	5270	4009N	09636W	25.4	143.8	FGFF			30	32
2378-16253	00000/0000 2-10015/0467	02/04/76	100	5270	3843N	09705W	26.4	143.1	GFFF			30	33
2378-16260	00000/0000 2-10015/0468	02/04/76	100	5270	3718N	09734W	27.3	142.3	GGFF			30	34
2378-16262	00000/0000 2-10015/0469	02/04/76	90	5270	3552N	09801W	28.3	141.5	FGFF			30	35
2378-16265	00000/0000 2-10015/0470	02/04/76	90	5270	3427N	09828W	29.2	140.7	FFFF			30	36
2378-16271	00000/0000 2-10015/0471	02/04/76	60	5270	3301N	09854W	30.1	139.9	FGFF			30	37
2378-16274	00000/0000 2-10015/0472	02/04/76	90	5270	3135N	09919W	31.0	139.0	FGFF			30	38
2378-16280	00000/0000 2-10015/0473	02/04/76	90	5270	3009N	09944W	31.9	138.2	GGFF			30	39
2378-16283	00000/0000 2-10015/0474	02/04/76	90	5270	2843N	10008W	32.8	137.3	GGFF			30	40
2378-16285	00000/0000 2-10015/0475	02/04/76	50	5270	2717N	10032W	33.7	136.4	FGFF			30	41
2378-16292	00000/0000 2-10015/0476	02/04/76	30	5270	2551N	10055W	34.5	135.5	GGGF			30	42
2378-18053	00000/0000 2-10015/0477	02/04/76	0	5271	5002N	11830W	18.4	149.1	GGGG			48	25
2378-18055	00000/0000 2-10015/0478	02/04/76	0	5271	4838N	11908W	19.4	148.3	GGGG			48	26
2378-18062	00000/0000 2-10015/0479	02/04/76	0	5271	4713N	11944W	20.4	147.6	GGGG			48	27
2378-18064	00000/0000 2-10015/0480	02/04/76	10	5271	4548N	12019W	21.4	146.8	GGGG			48	28
2378-18071	00000/0000 2-10015/0481	02/04/76	10	5271	4423N	12052W	22.4	146.1	GGGG			48	29
2378-18073	00000/0000 2-10015/0482	02/04/76	10	5271	4257N	12124W	23.4	145.3	GGGG			48	30
2378-18080	00000/0000 2-10015/0483	02/04/76	20	5271	4133N	12155W	24.4	144.6	GGFG			48	31
2378-18082	00000/0000 2-10015/0484	02/04/76	20	5271	4007N	12225W	25.4	143.8	GGFG			48	32
2378-18085	00000/0000 2-10015/0485	02/04/76	10	5271	3842N	12254W	26.4	143.0	GGGG			48	33
2378-18091	00000/0000 2-10015/0486	02/04/76	60	5271	3717N	12323W	27.3	142.3	GGGF			48	34
2378-21295	00000/0000 2-10015/0499	02/04/76	50	5273	5701N	16621W	13.3	153.1	FGGG			84	20
2378-21302	00000/0000 2-10015/0500	02/04/76	80	5273	5538N	16712W	14.3	152.2	FGGF			84	21
2378-21304	00000/0000 2-10015/0501	02/04/76	100	5273	5414N	16801W	15.3	151.4	FGGG			84	22
2378-21311	00000/0000 2-10015/0502	02/04/76	100	5273	5250N	16846W	16.4	150.6	GGGG			84	23
2378-21313	00000/0000 2-10015/0503	02/04/76	100	5273	5126N	16929W	17.4	149.8	GGGG			84	24
2379-14453	00000/0000 2-10015/0487	02/05/76	0	5283	4710N	06934W	20.7	147.4	GGFF			13	27
2379-14455	00000/0000 2-10015/0488	02/05/76	10	5283	4545N	07009W	21.7	146.7	GFFF			13	28
2379-14462	00000/0000 2-10015/0489	02/05/76	40	5283	4420N	07043W	22.7	145.9	GFFF			13	29
2379-14464	00000/0000 2-10015/0490	02/05/76	60	5283	4255N	07115W	23.7	145.2	GFFF			13	30
2379-14471	00000/0000 2-10015/0491	02/05/76	90	5283	4130N	07146W	24.7	144.4	GPFF			13	31
2379-14473	00000/0000 2-10015/0492	02/05/76	100	5283	4004N	07216W	25.7	143.6	GPFF			13	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANK)=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0014

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2379-14480	00000/0000	2-10015/0493	02/05/76	90	5283	3839N	07246W	26.6	142.9	GGFF			13	33
2379-14482	00000/0000	2-10015/0494	02/05/76	50	5283	3713N	07314W	27.6	142.1	FFFF			13	34
2379-14485	00000/0000	2-10015/0495	02/05/76	50	5283	3548N	07341W	28.5	141.3	GGFF			13	35
2379-14491	00000/0000	2-10015/0496	02/05/76	30	5283	3422N	07408W	29.5	140.5	GGFF			13	36
2379-14494	00000/0000	2-10015/0497	02/05/76	30	5283	3256N	07434W	30.4	139.6	GGFF			13	37
2379-14500	00000/0000	2-10015/0498	02/05/76	30	5283	3131N	07459W	31.3	138.8	GGFF			13	38
2379-16275	00000/0000	2-10015/0504	02/05/76	0	5284	4959N	09408W	18.7	148.9	GGGG			31	25
2379-16282	00000/0000	2-10015/0505	02/05/76	10	5284	4834N	09446W	19.7	148.2	FFFF			31	26
2379-16284	00000/0000	2-10015/0506	02/05/76	50	5284	4710N	09523W	20.7	147.4	FFFF			31	27
2379-16291	00000/0000	2-10015/0507	02/05/76	80	5284	4545N	09558W	21.7	146.6	FFFF			31	28
2379-16293	00000/0000	2-10015/0508	02/05/76	80	5284	4420N	09631W	22.7	145.9	FFFF			31	29
2379-16300	00000/0000	2-10015/0509	02/05/76	100	5284	4255N	09703W	23.7	145.1	FFFF			31	30
2379-16302	00000/0000	2-10015/0510	02/05/76	100	5284	4130N	09735W	24.7	144.4	FFFF			31	31
2379-16305	00000/0000	2-10015/0511	02/05/76	100	5284	4005N	09805W	25.7	143.6	FFFF			31	32
2379-16311	00000/0000	2-10015/0512	02/05/76	90	5284	3840N	09834W	26.6	142.8	FFFF			31	33
2379-16314	00000/0000	2-10015/0513	02/05/76	100	5284	3714N	09902W	27.6	142.1	FFFF			31	34
2379-16320	00000/0000	2-10015/0514	02/05/76	100	5284	3549N	09929W	28.5	141.3	FFFF			31	35
2379-16323	00000/0000	2-10015/0515	02/05/76	90	5284	3423N	09955W	29.5	140.4	FFFF			31	36
2379-16325	00000/0000	2-10015/0516	02/05/76	90	5284	3257N	10021W	30.4	139.6	FFFF			31	37
2379-16332	00000/0000	2-10015/0517	02/05/76	80	5284	3131N	10047W	31.3	138.8	FFFF			31	38
2379-16334	00000/0000	2-10015/0518	02/05/76	80	5284	3006N	10112W	32.2	137.9	FFFF			31	39
2379-16341	00000/0000	2-10015/0519	02/05/76	60	5284	2859N	10136W	33.1	137.0	FFFF			31	40
2379-16343	00000/0000	2-10015/0520	02/05/76	50	5284	2713N	10200W	33.9	136.1	FFFF			31	41
2379-18111	00000/0000	2-10015/0543	02/05/76	70	5285	4958N	11957W	18.7	148.9	GGGG			49	25
2379-18114	00000/0000	2-10015/0544	02/05/76	30	5285	4833N	12035W	19.7	148.1	GGGG			49	26
2379-18120	00000/0000	2-10015/0545	02/05/76	0	5285	4709N	12112W	20.7	147.4	GGGG			49	27
2379-18123	00000/0000	2-10015/0546	02/05/76	0	5285	4544N	12147W	21.7	146.6	GGGG			49	28
2379-18125	00000/0000	2-10015/0547	02/05/76	0	5285	4419N	12220W	22.7	145.9	GGGG			49	29
2379-18132	00000/0000	2-10015/0548	02/05/76	0	5285	4255N	12253W	23.7	145.1	GGGG			49	30
2379-18134	00000/0000	2-10015/0549	02/05/76	0	5285	4130N	12324W	24.7	144.4	GGGG			49	31
2379-18141	00000/0000	2-10015/0550	02/05/76	10	5285	4004N	12354W	25.7	143.6	GGGG			49	32
2379-18143	00000/0000	2-10015/0551	02/05/76	20	5285	3839N	12423W	26.7	142.8	GGGG			49	33
2379-21345	00000/0000	2-10015/0536	02/05/76	90	5287	5944N	16559W	11.5	154.8	GGGG			85	18
2379-21351	00000/0000	2-10015/0537	02/05/76	90	5287	5821N	16657W	12.5	153.9	GGGG			85	19
2379-21354	00000/0000	2-10015/0538	02/05/76	90	5287	5658N	16751W	13.6	153.0	GGGG			85	20
2379-21360	00000/0000	2-10015/0539	02/05/76	100	5287	5535N	16841W	14.6	152.1	GGGG			85	21

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0015

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV. AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS MSS GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2379-21363	00000/0000	2-10015/0540	02/05/76	100	5287	5411N	16929W	15.7 151.3	FFFF		85	22
2379-21365	00000/0000	2-10015/0541	02/05/76	100	5287	5247N	17014W	16.7 150.5	GGGG		85	23
2379-21372	00000/0000	2-10015/0542	02/05/76	90	5287	5122N	17056W	17.7 149.7	GGGG		85	24
2380-14505	00000/0000	2-10015/0555	02/06/76	10	5297	4830N	07026W	20.0 148.0	GGGG		14	26
2380-14511	00000/0000	2-10015/0556	02/06/76	40	5297	4706N	07103W	21.0 147.2	GGFG		14	27
2380-14514	00000/0000	2-10015/0557	02/06/76	50	5297	4541N	07137W	22.0 146.5	GGFG		14	28
2380-14520	00000/0000	2-10015/0558	02/06/76	70	5297	4416N	07210W	23.0 145.7	GGFF		14	29
2380-14523	00000/0000	2-10015/0559	02/06/76	80	5297	4251N	07243W	24.0 145.0	GGFF		14	30
2380-14525	00000/0000	2-10015/0560	02/06/76	100	5297	4126N	07313W	25.0 144.2	FFFG		14	31
2380-14532	00000/0000	2-10015/0561	02/06/76	100	5297	4001N	07343W	26.0 143.4	GGFG		14	32
2380-14534	00000/0000	2-10015/0562	02/06/76	100	5297	3835N	07412W	26.9 142.6	GGFG		14	33
2380-14543	00000/0000	2-10015/0563	02/06/76	90	5297	3545N	07507W	28.8 141.0	FFFF		14	35
2380-14550	00000/0000	2-10015/0564	02/06/76	90	5297	3419N	07534W	29.7 140.2	GGGG		14	36
2380-14552	00000/0000	2-10015/0565	02/06/76	80	5297	3253N	07600W	30.6 139.4	GGGG		14	37
2380-14555	00000/0000	2-10015/0566	02/06/76	60	5297	3127N	07625W	31.5 138.5	FFFF		14	38
2380-14561	00000/0000	2-10015/0567	02/06/76	40	5297	3002N	07650W	32.4 137.6	FFFF		14	39
2380-14564	00000/0000	2-10015/0568	02/06/76	20	5297	2836N	07714W	33.3 136.7	FFFF		14	40
2380-16334	00000/0000	2-10015/0569	02/06/76	60	5298	4955N	09537W	19.0 148.8	G		32	25
2380-16345	00000/0000	2-10015/0570	02/06/76	10	5298	4541N	09726W	22.0 146.5	GGGG		32	28
2380-16352	00000/0000	2-10015/0571	02/06/76	10	5298	4416N	09759W	23.0 145.7	GGGG		32	29
2380-16354	00000/0000	2-10015/0572	02/06/76	10	5298	4251N	09832W	24.0 144.9	GGFG		32	30
2380-16361	00000/0000	2-10015/0573	02/06/76	40	5298	4126N	09903W	25.0 144.2	GGFG		32	31
2380-16363	00000/0000	2-10015/0574	02/06/76	50	5298	4001N	09932W	26.0 143.4	GGGG		32	32
2380-16370	00000/0000	2-10015/0575	02/06/76	60	5298	3835N	10001W	26.9 142.6	GGGG		32	33
2380-16372	00000/0000	2-10015/0576	02/06/76	40	5298	3710N	10029W	27.9 141.8	GGGG		32	34
2380-16375	00000/0000	2-10015/0577	02/06/76	100	5298	3544N	10056W	28.8 141.0	GGFG		32	35
2380-16381	00000/0000	2-10015/0578	02/06/76	100	5298	3418N	10122W	29.7 140.2	GGGG		32	36
2380-16384	00000/0000	2-10015/0579	02/06/76	100	5298	3253N	10148W	30.7 139.4	GGGG		32	37
2380-16390	00000/0000	2-10015/0580	02/06/76	100	5298	3128N	10214W	31.6 138.5	GGGG		32	38
2380-16393	00000/0000	2-10015/0581	02/06/76	80	5298	3002N	10239W	32.4 137.6	GGGG		32	39
2380-16395	00000/0000	2-10015/0582	02/06/76	10	5298	2836N	10304W	33.3 136.7	GGGG		32	40
2380-18102	00000/0000	2-10015/0583	02/06/76	50	5298	2710N	10328W	34.2 135.8	GGGG		32	41
2380-18165	00000/0000	2-10015/0584	02/06/76	10	5299	4955N	12125W	19.0 148.7	GGGG		50	25
2380-18172	00000/0000	2-10015/0585	02/06/76	0	5299	4830N	12203W	20.0 148.0	FFFF		50	26
2380-18174	00000/0000	2-10015/0586	02/06/76	0	5299	4706N	12239W	21.1 147.2	FFFF		50	27
2380-18181	00000/0000	2-10015/0587	02/06/76	0	5299	4542N	12314W	22.1 146.4	GGGG		50	28

KEYS: C=CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 I=IMAGE QUALITY ..... BLANKS=BLANK BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 M=MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 H=MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0016

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2380-18183	00000/0000 2-10015/0588	02/06/76	0	5299	4416N	12347W	23.1	145.7	FGFG			50	29
2380-18190	00000/0000 2-10015/0589	02/06/76	0	5299	4251N	12420W	24.0	144.9	FFFF			50	30
2380-18192	00000/0000 2-10015/0590	02/06/76	0	5299	4126N	12450W	25.0	144.2	FFG			50	31
2380-18195	00000/0000 2-10015/0591	02/06/76	0	5299	4001N	12520W	26.0	143.4	FFFF			50	32
2380-21421	00000/0000 2-10015/0552	02/06/76	100	5301	5410N	17054W	16.0	151.1	GGGG			86	22
2380-21424	00000/0000 2-10015/0553	02/06/76	100	5301	5246N	17139W	17.0	150.3	GGGG			86	23
2380-21430	00000/0000 2-10015/0554	02/06/76	90	5301	5122N	17221W	18.0	149.5	GGGG			86	24
2381-14563	00000/0000 2-10015/0627	02/07/76	20	5311	4830N	07152W	20.3	147.8	FFGG			15	26
2381-14570	00000/0000 2-10015/0628	02/07/76	0	5311	4705N	07228W	21.3	147.1	GGGG			15	27
2381-14572	00000/0000 2-10015/0629	02/07/76	40	5311	4540N	07303W	22.3	146.3	FFFG			15	28
2381-14575	00000/0000 2-10015/0630	02/07/76	50	5311	4415N	07336W	23.3	145.5	GFGG			15	29
2381-14581	00000/0000 2-10015/0631	02/07/76	70	5311	4251N	07408W	24.3	144.8	FFFG			15	30
2381-14584	00000/0000 2-10015/0632	02/07/76	40	5311	4125N	07439W	25.3	144.0	FFGG			15	31
2381-14590	00000/0000 2-10015/0633	02/07/76	20	5311	4000N	07509W	26.2	143.2	GFGG			15	32
2381-14593	00000/0000 2-10015/0634	02/07/76	40	5311	3835N	07538W	27.2	142.4	GFGG			15	33
2381-14595	00000/0000 2-10015/0635	02/07/76	30	5311	3709N	07606W	28.1	141.6	GFGG			15	34
2381-15002	00000/0000 2-10015/0636	02/07/76	20	5311	3544N	07634W	29.1	140.8	GFGG			15	35
2381-15004	00000/0000 2-10015/0637	02/07/76	50	5311	3418N	07700W	30.0	140.0	FFFG			15	36
2381-15011	00000/0000 2-10015/0638	02/07/76	90	5311	3253N	07726W	30.9	139.1	FFFF			15	37
2381-15013	00000/0000 2-10015/0639	02/07/76	100	5311	3127N	07751W	31.8	138.3	FFFG			15	38
2381-15022	00000/0000 2-10015/0640	02/07/76	80	5311	2835N	07840W	33.5	136.5	FFGG			15	40
2381-15031	00000/0000 2-10015/0641	02/07/76	70	5311	2543N	07927W	35.2	134.6	FFGG			15	42
2381-15034	00000/0000 2-10015/0642	02/07/76	70	5311	2417N	07950W	36.0	133.6	GFGG			15	43
2381-16392	00000/0000 2-10015/0612	02/07/76	40	5312	4955N	09701W	19.3	148.6	GFGG			33	25
2381-16395	00000/0000 2-10015/0613	02/07/76	30	5312	4830N	09739W	20.3	147.8	GFGG			33	26
2381-16401	00000/0000 2-10015/0614	02/07/76	20	5312	4705N	09815W	21.3	147.1	GGGG			33	27
2381-16410	00000/0000 2-10015/0615	02/07/76	70	5312	4416N	09924W	23.3	145.5	FFGG			33	29
2381-16413	00000/0000 2-10015/0616	02/07/76	10	5312	4250N	09955W	24.3	144.8	GGGG			33	30
2381-16415	00000/0000 2-10015/0617	02/07/76	0	5312	4125N	10026W	25.3	144.0	GGGG			33	31
2381-16422	00000/0000 2-10015/0618	02/07/76	0	5312	4000N	10055W	26.2	143.2	GGGG			33	32
2381-16424	00000/0000 2-10015/0619	02/07/76	0	5312	3835N	10124W	27.2	142.4	GFGG			33	33
2381-16431	00000/0000 2-10015/0620	02/07/76	30	5312	3710N	10152W	28.1	141.6	GGGG			33	34
2381-16433	00000/0000 2-10015/0621	02/07/76	50	5312	3544N	10220W	29.1	140.8	GGGG			33	35
2381-16440	00000/0000 2-10015/0622	02/07/76	90	5312	3418N	10247W	30.0	140.0	FFGG			33	36
2381-16442	00000/0000 2-10015/0623	02/07/76	100	5312	3253N	10313W	30.9	139.1	GGGG			33	37
2381-16445	00000/0000 2-10015/0624	02/07/76	80	5312	3127N	10339W	31.8	138.3	GGGG			33	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0017

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2381-16454	00000/0000	2-10015/0625	02/07/76	10	5312	2836N	10428W	33.6	136.5	GGFG			33	40
2381-16460	00000/0000	2-10015/0626	02/07/76	0	5312	2710N	10452W	34.4	135.5	GGGG			33	41
2381-18224	00000/0000	2-10015/0606	02/07/76	70	5313	4954N	12252W	19.3	148.6	GGGG			51	25
2381-18230	00000/0000	2-10015/0607	02/07/76	80	5313	4830N	12330W	20.3	147.8	FGGG			51	26
2381-18233	00000/0000	2-10015/0608	02/07/76	80	5313	4706N	12406W	21.3	147.1	GGGG			51	27
2381-18235	00000/0000	2-10015/0609	02/07/76	40	5313	4541N	12441W	22.3	146.3	GGGG			51	28
2381-18242	00000/0000	2-10015/0610	02/07/76	10	5313	4416N	12515W	23.3	145.5	GGGG			51	29
2381-18244	00000/0000	2-10015/0611	02/07/76	10	5313	4251N	12547W	24.3	144.8	FFGG			51	30
2381-21432	00000/0000	2-10015/0592	02/07/76	70	5315	6904N	15923W	4.7	163.5	F GG			87	11
2381-21434	00000/0000	2-10015/0593	02/07/76	10	5315	6745N	16111W	5.8	161.9	F GG			87	12
2381-21441	00000/0000	2-10015/0594	02/07/76	30	5315	6626N	16247W	6.8	160.4	F GG			87	13
2381-21443	00000/0000	2-10015/0595	02/07/76	30	5315	6506N	16414W	7.9	159.0	FGGG			87	14
2381-21450	00000/0000	2-10015/0596	02/07/76	40	5315	6345N	16534W	9.0	157.8	GGG			87	15
2381-21452	00000/0000	2-10015/0597	02/07/76	20	5315	6223N	16647W	10.0	156.7	GGG			87	16
2381-21455	00000/0000	2-10015/0598	02/07/76	10	5315	6101N	16754W	11.1	155.6	GGGG			87	17
2381-21461	00000/0000	2-10015/0599	02/07/76	10	5315	5939N	16856W	12.1	154.6	GGGG			87	18
2381-21464	00000/0000	2-10015/0600	02/07/76	10	5315	5816N	16953W	13.2	153.6	FGGG			87	19
2381-21470	00000/0000	2-10015/0601	02/07/76	50	5315	5653N	17046W	14.2	152.7	GGGG			87	20
2381-21473	00000/0000	2-10015/0602	02/07/76	90	5315	5530N	17136W	15.3	151.8	GGGG			87	21
2381-21475	00000/0000	2-10015/0603	02/07/76	100	5315	5406N	17224W	16.3	151.0	GGGG			87	22
2381-21482	00000/0000	2-10015/0604	02/07/76	100	5315	5242N	17308W	17.3	150.2	GGGG			87	23
2381-21484	00000/0000	2-10015/0605	02/07/76	100	5315	5118N	17350W	18.4	149.4	GGGG			87	24
2382-15021	00000/0000	2-10015/0521	02/08/76	50	5325	4829N	07319W	20.6	147.7	FFGG			16	26
2382-15024	00000/0000	2-10015/0522	02/08/76	70	5325	4704N	07355W	21.6	146.9	FFFG			16	27
2382-15030	00000/0000	2-10015/0523	02/08/76	90	5325	4539N	07430W	22.6	146.2	FGGF			16	28
2382-15033	00000/0000	2-10015/0524	02/08/76	80	5325	4414N	07503W	23.6	145.4	FFFF			16	29
2382-15035	00000/0000	2-10015/0525	02/08/76	90	5325	4249N	07535W	24.6	144.6	FFFF			16	30
2382-15042	00000/0000	2-10015/0526	02/08/76	80	5325	4124N	07606W	25.5	143.8	FGGF			16	31
2382-15051	00000/0000	2-10015/0527	02/08/76	20	5325	3833N	07704W	27.4	142.2	FFFF			16	33
2382-15060	00000/0000	2-10015/0528	02/08/76	70	5325	3542N	07759W	29.3	140.6	FFFF			16	35
2382-15062	00000/0000	2-10015/0529	02/08/76	10	5325	3417N	07826W	30.2	139.8	FGFG			16	36
2382-15065	00000/0000	2-10015/0530	02/08/76	10	5325	3251N	07852W	31.1	138.9	FGFG			16	37
2382-15074	00000/0000	2-10015/0531	02/08/76	70	5325	3000N	07943W	32.9	137.1	GGFF			16	39
2382-15080	00000/0000	2-10015/0532	02/08/76	50	5325	2835N	08007W	33.8	136.2	FFFF			16	40
2382-15083	00000/0000	2-10015/0533	02/08/76	10	5325	2709N	08031W	34.6	135.3	FGFG			16	41
2382-15085	00000/0000	2-10015/0534	02/08/76	40	5325	2543N	08054W	35.5	134.3	FGFG			16	42

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0018

OBSERVATION ID	MICROFILM RBV	ROLL NR./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	LONG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2382-15092	00000/0000	2-10015/0535	02/08/76	90	5325	2417N	08117W	36.3	133.3	GGGG			16	43
2382-16453	00000/0000	2-10015/0644	02/08/76	60	5326	4830N	09907W	20.6	147.7	GGPG			34	26
2382-16455	00000/0000	2-10015/0645	02/08/76	30	5326	4705N	09943W	21.6	146.9	P			34	27
2382-16464	00000/0000	2-10015/0646	02/08/76	10	5326	4415N	10051W	23.6	145.4	GGGG			34	29
2382-16471	00000/0000	2-10015/0647	02/08/76	10	5326	4250N	10123W	24.6	144.6	GGGG			34	30
2382-16473	00000/0000	2-10015/0648	02/08/76	0	5326	4125N	10154W	25.6	143.8	GGGG			34	31
2382-16480	00000/0000	2-10015/0649	02/08/76	10	5326	4000N	10224W	26.5	143.0	GGFF			34	32
2382-16482	00000/0000	2-10015/0650	02/08/76	30	5326	3835N	10253W	27.5	142.2	FGGG			34	33
2382-16485	00000/0000	2-10015/0651	02/08/76	70	5326	3709N	10321W	28.4	141.4	FFPP			34	34
2382-16491	00000/0000	2-10015/0652	02/08/76	60	5326	3544N	10349W	29.3	140.6	FFPP			34	35
2382-16494	00000/0000	2-10015/0653	02/08/76	30	5326	3418N	10415W	30.3	139.7	GGGG			34	36
2382-16500	00000/0000	2-10015/0643	02/08/76	40	5326	3252N	10440W	31.2	138.9	P FP			34	37
2382-16503	00000/0000	2-10015/0654	02/08/76	30	5326	3127N	10504W	32.1	138.0	FGGG			34	38
2382-16505	00000/0000	2-10015/0655	02/08/76	0	5326	3001N	10529W	32.9	137.1	GGGG			34	39
2382-16512	00000/0000	2-10015/0656	02/08/76	20	5326	2836N	10553W	33.8	136.2	GGFF			34	40
2382-18282	00000/0000	2-10015/0657	02/08/76	80	5327	4954N	12420W	19.6	148.5	FFGG			52	25
2382-18285	00000/0000	2-10015/0658	02/08/76	80	5327	4830N	12458W	20.6	147.7	GGFF			52	26
2382-18291	00000/0000	2-10015/0659	02/08/76	80	5327	4705N	12535W	21.6	146.9	FFFF			52	27
2382-18294	00000/0000	2-10015/0660	02/08/76	80	5327	4540N	12610W	22.6	146.1	GGFF			52	28
2382-21493	00000/0000	2-10015/0712	02/08/76	50	5329	6745N	16239W	6.1	161.8	FFFF			88	12
2382-21495	00000/0000	2-10015/0713	02/08/76	20	5329	6625N	16415W	7.1	160.3	FFFF			88	13
2382-21502	00000/0000	2-10015/0714	02/08/76	20	5329	6504N	16542W	8.2	159.0	FGGF			88	14
2382-21504	00000/0000	2-10015/0715	02/08/76	10	5329	6343N	16700W	9.3	157.7	FFFG			88	15
2382-21511	00000/0000	2-10015/0716	02/08/76	10	5329	6222N	16812W	10.3	156.6	FFFG			88	16
2382-21513	00000/0000	2-10015/0717	02/08/76	10	5329	6100N	16920W	11.4	155.5	FGGG			88	17
2382-21520	00000/0000	2-10015/0718	02/08/76	0	5329	5938N	17022W	12.4	154.5	FFGF			88	18
2382-21522	00000/0000	2-10015/0719	02/08/76	10	5329	5815N	17120W	13.5	153.5	FGGG			88	19
2382-21525	00000/0000	2-10015/0720	02/08/76	70	5329	5652N	17214W	14.5	152.6	GGGF			88	20
2382-21531	00000/0000	2-10015/0721	02/08/76	100	5329	5529N	17303W	15.6	151.7	FGGG			88	21
2382-21534	00000/0000	2-10015/0722	02/08/76	100	5329	5405N	17351W	16.6	150.9	FGGG			88	22
2382-21540	00000/0000	2-10015/0723	02/08/76	100	5329	5241N	17435W	17.6	150.0	GGGF			88	23
2382-21543	00000/0000	2-10015/0724	02/08/76	80	5329	5117N	17517W	18.7	149.2	FGGG			88	24
2383-15080	00000/0000	2-10015/0675	02/09/76	10	5339	4829N	07443W	20.9	147.6	GGGG			17	26
2383-15082	00000/0000	2-10015/0676	02/09/76	10	5339	4704N	07520W	21.9	146.8	GGGG			17	27
2383-15085	00000/0000	2-10015/0677	02/09/76	10	5339	4539N	07555W	22.9	146.0	GGGG			17	28
2383-15091	00000/0000	2-10015/0678	02/09/76	10	5339	4414N	07629W	23.9	145.2	GGGG			17	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0019

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	SAT PATH NUMBER	FRAME ROW NUMBER
2383-15094	00000/0000	2-10015/0679	02/09/76	30	5339	4249N	07701W	24.8	144.4	GGGG		17	30
2383-15103	00000/0000	2-10015/0680	02/09/76	20	5339	3958N	07802W	26.8	142.8	GGGG		17	32
2383-15105	00000/0000	2-10015/0681	02/09/76	20	5339	3833N	07830W	27.7	142.0	GGGG		17	33
2383-15112	00000/0000	2-10015/0682	02/09/76	10	5339	3707N	07859W	28.7	141.2	GGGG		17	34
2383-15114	00000/0000	2-10015/0683	02/09/76	10	5339	3542N	07926W	29.6	140.4	GGGG		17	35
2383-15121	00000/0000	2-10015/0684	02/09/76	0	5339	3417N	07953W	30.5	139.5	GGGG		17	36
2383-15123	00000/0000	2-10015/0685	02/09/76	0	5339	3251N	08019W	31.4	138.7	GGGF		17	37
2383-15130	00000/0000	2-10015/0686	02/09/76	0	5339	3126N	08044W	32.3	137.8	GGGG		17	38
2383-15132	00000/0000	2-10015/0687	02/09/76	10	5339	3000N	08109W	33.2	136.9	GGGG		17	39
2383-15135	00000/0000	2-10015/0688	02/09/76	10	5339	2874N	08133W	34.0	136.0	GGGG		17	40
2383-15141	00000/0000	2-10015/0689	02/09/76	0	5339	2707N	08156W	34.9	135.0	FGGG		17	41
2383-15144	00000/0000	2-10015/0690	02/09/76	40	5339	2541N	08219W	35.7	134.0	GGGG		17	42
2383-15150	00000/0000	2-10015/0691	02/09/76	60	5339	2416N	08242W	36.5	133.0	GGGG		17	43
2383-16505	00000/0000	2-10015/0661	02/09/76	10	5340	4953N	09957W	19.9	148.3	GGGG		35	25
2383-16514	00000/0000	2-10015/0662	02/09/76	40	5340	4703N	10112W	21.9	146.8	GGGG		35	27
2383-16520	00000/0000	2-10015/0663	02/09/76	90	5340	4539N	10147W	22.9	146.0	FGGG		35	28
2383-16523	00000/0000	2-10015/0664	02/09/76	80	5340	4413N	10220W	23.9	145.2	GGGG		35	29
2383-16525	00000/0000	2-10015/0665	02/09/76	80	5340	4248N	10252W	24.9	144.4	GGGG		35	30
2383-16532	00000/0000	2-10015/0666	02/09/76	70	5340	4124N	10323W	25.8	143.6	GGGG		35	31
2383-16534	00000/0000	2-10015/0667	02/09/76	50	5340	3958N	10352W	26.8	142.8	GGGG		35	32
2383-16541	00000/0000	2-10015/0668	02/09/76	40	5340	3833N	10421W	27.7	142.0	GGGF		35	33
2383-16543	00000/0000	2-10015/0669	02/09/76	30	5340	3708N	10449W	28.7	141.2	GGGG		35	34
2383-16550	00000/0000	2-10015/0670	02/09/76	20	5340	3542N	10516W	29.6	140.4	GGGG		35	35
2383-16552	00000/0000	2-10015/0671	02/09/76	50	5340	3417N	10543W	30.5	139.5	GGGG		35	36
2383-16555	00000/0000	2-10015/0672	02/09/76	70	5340	3251N	10609W	31.4	138.7	FGGG		35	37
2383-16564	00000/0000	2-10015/0673	02/09/76	60	5340	3000N	10659W	33.2	136.9	GGGG		35	39
2383-18343	00000/0000	2-10015/0674	02/09/76	60	5341	4830N	12622W	20.9	147.5	GGGF		53	26
2383-21545	00000/0000	2-10015/0779	02/09/76	20	5343	6903N	16219W	5.3	163.4	GGGG		89	11
2383-21551	00000/0000	2-10015/0780	02/09/76	0	5343	6744N	16405W	6.4	161.7	FGGG		89	12
2383-21554	00000/0000	2-10015/0781	02/09/76	0	5343	6624N	16542W	7.5	160.2	GGGG		89	13
2383-21560	00000/0000	2-10015/0782	02/09/76	10	5343	6505N	16709W	8.5	158.9	GGGG		89	14
2383-21563	00000/0000	2-10015/0783	02/09/76	10	5343	6344N	16829W	9.6	157.6	GGFG		89	15
2383-21565	00000/0000	2-10015/0784	02/09/76	10	5343	6222N	16941W	10.6	156.5	GGGG		89	16
2383-21572	00000/0000	2-10015/0785	02/09/76	10	5343	6100N	17047W	11.7	155.4	FGGG		89	17
2383-21574	00000/0000	2-10015/0786	02/09/76	10	5343	5977N	17149W	12.8	154.4	GGGG		89	18
2383-21581	00000/0000	2-10015/0787	02/09/76	60	5343	5814N	17246W	13.8	153.4	GGGG		89	19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0020

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LONG	SUN PLEV. AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2383-21583	00000/0000 2-10015/0788	02/09/76	90	5343	5651N 17339W	14.8 152.5	GGGG			89	20
2383-21590	00000/0000 2-10015/0789	02/09/76	100	5343	5528N 17429W	15.9 151.6	GGGG			89	21
2383-21592	00000/0000 2-10015/0790	02/09/76	100	5343	5404N 17516W	16.9 150.7	GGGG			89	22
2383-21595	00000/0000 2-10015/0791	02/09/76	90	5343	5240N 17600W	17.9 149.9	GGGG			89	23
2383-22001	00000/0000 2-10015/0792	02/09/76	70	5343	5116N 17642W	19.0 149.1	GGGG			89	24
2384-15134	00000/0000 2-10015/0692	02/10/76	90	5353	4827N 07610W	21.2 147.4	GGFG			18	26
2384-15140	00000/0000 2-10015/0693	02/10/76	90	5353	4703N 07647W	22.2 146.6	FFGF			18	27
2384-15143	00000/0000 2-10015/0694	02/10/76	90	5353	4537N 07722W	23.2 145.8	FFGF			18	28
2384-15145	00000/0000 2-10015/0695	02/10/76	90	5353	4412N 07756W	24.2 145.0	FFFF			18	29
2384-15152	00000/0000 2-10015/0696	02/10/76	70	5353	4247N 07829W	25.1 144.3	FGF			18	30
2384-15161	00000/0000 2-10015/0697	02/10/76	40	5353	3957N 07930W	27.1 142.7	GGF			18	32
2384-15163	00000/0000 2-10015/0698	02/10/76	30	5353	3831N 07959W	28.0 141.8	FGF			18	33
2384-15170	00000/0000 2-10015/0699	02/10/76	10	5353	3706N 08027W	28.9 141.0	GGG			18	34
2384-15172	00000/0000 2-10015/0700	02/10/76	0	5353	3541N 08054W	29.9 140.2	GGGF			18	35
2384-15175	00000/0000 2-10015/0701	02/10/76	10	5353	3415N 08120W	30.8 139.3	GGGF			18	36
2384-15181	00000/0000 2-10015/0702	02/10/76	0	5353	3250N 08146W	31.7 138.4	GGGG			18	37
2384-15184	00000/0000 2-10015/0703	02/10/76	0	5353	3124N 08211W	32.6 137.5	GGGF			18	38
2384-15190	00000/0000 2-10015/0704	02/10/76	0	5353	2959N 08235W	33.4 136.6	FFFF			18	39
2384-15193	00000/0000 2-10015/0705	02/10/76	0	5353	2832N 08259W	34.3 135.7	FFFF			18	40
2384-15195	00000/0000 2-10015/0706	02/10/76	10	5353	2706N 08323W	35.1 134.7	GGGF			18	41
2384-15202	00000/0000 2-10015/0707	02/10/76	20	5353	2541N 08346W	35.9 133.7	FFGG			18	42
2384-15204	00000/0000 2-10015/0708	02/10/76	40	5353	2416N 08409W	36.7 132.7	GGGF			18	43
2384-16563	00000/0000 2-10015/0709	02/10/76	80	5354	4952N 10122W	20.2 148.2	GGFF			36	25
2384-16570	00000/0000 2-10015/0710	02/10/76	30	5354	4828N 10200W	21.2 147.4	GGGF			36	26
2384-16572	00000/0000 2-10015/0711	02/10/76	10	5354	4703N 10236W	22.2 146.6	GGFF			36	27
2384-16584	00000/0000 2-10015/0809	02/10/76	60	5354	4248N 10417W	25.2 144.2	FFFF			36	30
2384-16593	00000/0000 2-10015/0810	02/10/76	50	5354	3958N 10518W	27.1 142.6	GGGG			36	32
2384-22000	00000/0000 2-10015/0725	02/10/76	80	5357	7020N 16150W	4.6 165.2	FFFF			90	10
2384-22003	00000/0000 2-10015/0726	02/10/76	40	5357	6902N 16350W	5.7 163.3	FFFF			90	11
2384-22005	00000/0000 2-10015/0727	02/10/76	0	5357	6743N 16536W	6.7 161.7	FFFF			90	12
2384-22012	00000/0000 2-10015/0728	02/10/76	0	5357	6623N 16710W	7.8 160.2	FFFF			90	13
2384-22014	00000/0000 2-10015/0729	02/10/76	10	5357	6502N 16836W	8.9 158.8	FFFF			90	14
2384-22021	00000/0000 2-10015/0730	02/10/76	30	5357	6342N 16954W	9.9 157.6	FFFF			90	15
2384-22023	00000/0000 2-10015/0731	02/10/76	30	5357	6220N 17107W	11.0 156.4	FFGG			90	16
2384-22030	00000/0000 2-10015/0732	02/10/76	30	5357	6058N 17214W	12.0 155.3	FFGG			90	17
2384-22032	00000/0000 2-10015/0733	02/10/76	50	5357	5936N 17316W	13.1 154.3	FFFF			90	18

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=9AND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0021

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	NR./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2384-22035	00000/0000	2-10015/0734	02/10/76	90	5357	5814N	17413W	14.1	153.3	FGFF			90	19
2384-22041	00000/0000	2-10015/0735	02/10/76	100	5357	5651N	17507W	15.2	152.4	GGGG			90	20
2384-22044	00000/0000	2-10015/0736	02/10/76	90	5357	5527N	17556W	16.2	151.5	GGGG			90	21
2384-22050	00000/0000	2-10015/0737	02/10/76	90	5357	5403N	17642W	17.2	150.6	GGGG			90	22
2384-22053	00000/0000	2-10015/0738	02/10/76	100	5357	5240N	17726W	18.3	149.8	GGGG			90	23
2385-15192	00000/0000	2-10015/0830	02/11/76	40	5367	4837N	07731W	21.4	147.4	GGGG			19	26
2385-15201	00000/0000	2-10015/0831	02/11/76	50	5367	4547N	07843W	23.4	145.8	GGGG			19	28
2385-15203	00000/0000	2-10015/0832	02/11/76	70	5367	4422N	07917W	24.4	145.0	GGGG			19	29
2385-15210	00000/0000	2-10015/0833	02/11/76	80	5367	4258N	07950W	25.3	144.2	GGGG			19	30
2385-15212	00000/0000	2-10015/0834	02/11/76	90	5367	4132N	08021W	26.3	143.4	GGGG			19	31
2385-15215	00000/0000	2-10015/0835	02/11/76	100	5367	4007N	08051W	27.2	142.6	GGGG			19	32
2385-15221	00000/0000	2-10015/0836	02/11/76	100	5367	3841N	08120W	28.2	141.7	GGGG			19	33
2385-15224	00000/0000	2-10015/0837	02/11/76	90	5367	3716N	08149W	29.1	140.9	GGGF			19	34
2385-15230	00000/0000	2-10015/0838	02/11/76	90	5367	3550N	08216W	30.0	140.1	GGGG			19	35
2385-15233	00000/0000	2-10015/0839	02/11/76	60	5367	3425N	08243W	30.9	139.2	GGGG			19	36
2385-15235	00000/0000	2-10015/0840	02/11/76	80	5367	3259N	08309W	31.8	138.3	GGGG			19	37
2385-15242	00000/0000	2-10015/0841	02/11/76	30	5367	3133N	08335W	32.7	137.4	GGGG			19	38
2385-15244	00000/0000	2-10015/0842	02/11/76	30	5367	3008N	08359W	33.6	136.5	GGGG			19	39
2385-15251	00000/0000	2-10015/0843	02/11/76	10	5367	2841N	08424W	34.4	135.5	FFFG			19	40
2385-15253	00000/0000	2-10015/0844	02/11/76	20	5367	2716N	08447W	35.3	134.6	FFGG			19	41
2385-17024	00000/0000	2-10015/0816	02/11/76	70	5368	4836N	10323W	21.4	147.3	GGGF			37	26
2385-17030	00000/0000	2-10015/0817	02/11/76	70	5368	4712N	10359W	22.4	146.6	GGGF			37	27
2385-17033	00000/0000	2-10015/0818	02/11/76	60	5368	4547N	10433W	23.4	145.8	GGGF			37	28
2385-17035	00000/0000	2-10015/0819	02/11/76	50	5368	4423N	10507W	24.4	145.0	GGGG			37	29
2385-17042	00000/0000	2-10015/0820	02/11/76	30	5368	4258N	10539W	25.3	144.2	GGGG			37	30
2385-17044	00000/0000	2-10015/0821	02/11/76	10	5368	4133N	10610W	26.3	143.4	GGGG			37	31
2385-17051	00000/0000	2-10015/0822	02/11/76	0	5368	4008N	10640W	27.3	142.5	GGGG			37	32
2385-17053	00000/0000	2-10015/0823	02/11/76	10	5368	3842N	10709W	28.2	141.7	GGGG			37	33
2385-17060	00000/0000	2-10015/0824	02/11/76	0	5368	3717N	10737W	29.1	140.9	GGGG			37	34
2385-17062	00000/0000	2-10015/0825	02/11/76	30	5368	3552N	10805W	30.1	140.0	GGGG			37	35
2385-17065	00000/0000	2-10015/0826	02/11/76	10	5368	3426N	10831W	31.0	139.2	GGFF			37	36
2385-17071	00000/0000	2-10015/0827	02/11/76	90	5368	3300N	10857W	31.9	138.3	GGGG			37	37
2385-17074	00000/0000	2-10015/0828	02/11/76	90	5368	3134N	10922W	32.7	137.4	GGGG			37	38
2385-17080	00000/0000	2-10015/0829	02/11/76	100	5368	3008N	10946W	33.6	136.5	GGGG			37	39
2385-20243	00000/0000	2-10015/0880	02/11/76	0	5370	6353N	14519W	10.1	157.7	FGGG			73	15
2385-20250	00000/0000	2-10015/0881	02/11/76	20	5370	6233N	14633W	11.1	156.5	GGGG			73	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0022

OBSERVATION ID	MICROFILM RELI. NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2385-20252	00000/0000	2-10015/0882	02/11/76	60	5370	6111N	14741W	12.2	155.4	GGGG		73	17
2385-20255	00000/0000	2-10015/0883	02/11/76	90	5370	5948N	14843W	13.2	154.4	GGGG		73	18
2385-20261	00000/0000	2-10015/0884	02/11/76	90	5370	5827N	14941W	14.3	153.4	GGGG		73	19
2385-20264	00000/0000	2-10015/0885	02/11/76	80	5370	5704N	15035W	15.3	152.4	GGGF		73	20
2385-22054	00000/0000	2-10015/0886	02/11/76	80	5371	7031N	16259W	4.8	165.4	GGGG		91	10
2385-22061	00000/0000	2-10015/0887	02/11/76	10	5371	6912N	16459W	5.8	163.6	GGGG		91	11
2385-22063	00000/0000	2-10015/0888	02/11/76	10	5371	6753N	16646W	6.9	161.9	GGGG		91	12
2385-22070	00000/0000	2-10015/0889	02/11/76	10	5371	6635N	16822W	8.0	160.3	GGGG		91	13
2385-22072	00000/0000	2-10015/0890	02/11/76	10	5371	6515N	16950W	9.0	158.9	GGGG		91	14
2385-22075	00000/0000	2-10015/0891	02/11/76	10	5371	6354N	17111W	10.1	157.7	GGGG		91	15
2385-22084	00000/0000	2-10015/0892	02/11/76	40	5371	6110N	17330W	12.2	155.4	GGGG		91	17
2385-22090	00000/0000	2-10015/0893	02/11/76	90	5371	5949N	17431W	13.2	154.3	GGGG		91	18
2385-22093	00000/0000	2-10015/0894	02/11/76	100	5371	5826N	17529W	14.3	153.4	GGGG		91	19
2385-22095	00000/0000	2-10015/0895	02/11/76	100	5371	5703N	17623W	15.3	152.4	GGGG		91	20
2385-22102	00000/0000	2-10015/0896	02/11/76	90	5371	5540N	17713W	16.4	151.5	GGGG		91	21
2385-22104	00000/0000	2-10015/0897	02/11/76	70	5371	5416N	17801W	17.4	150.6	GGGG		91	22
2385-22111	00000/0000	2-10015/0898	02/11/76	80	5371	5252N	17846W	18.4	149.8	GGGP		91	23
2385-22113	00000/0000	2-10015/0899	02/11/76	60	5371	5128N	17929W	19.4	149.0	GGGG		91	24
2386-15250	00000/0000	2-10015/0793	02/12/76	80	5381	4839N	07858W	21.7	147.2	GGGG		20	26
2386-15253	00000/0000	2-10015/0794	02/12/76	90	5381	4714N	07935W	22.7	146.4	GGGG		20	27
2386-15255	00000/0000	2-10015/0795	02/12/76	100	5381	4550N	08009W	23.6	145.6	GGGG		20	28
2386-15262	00000/0000	2-10015/0796	02/12/76	100	5381	4425N	08042W	24.6	144.8	FGGG		20	29
2386-15264	00000/0000	2-10015/0797	02/12/76	60	5381	4300N	08114W	25.6	144.0	GGGG		20	30
2386-15271	00000/0000	2-10015/0798	02/12/76	30	5381	4135N	08145W	26.6	143.2	GGGG		20	31
2386-15273	00000/0000	2-10015/0799	02/12/76	30	5381	4010N	08215W	27.5	142.4	FGGF		20	32
2386-15280	00000/0000	2-10015/0800	02/12/76	10	5381	3844N	08244W	28.4	141.6	GGGG		20	33
2386-15282	00000/0000	2-10015/0801	02/12/76	0	5381	3719N	08312W	29.4	140.7	GGGG		20	34
2386-15285	00000/0000	2-10015/0802	02/12/76	0	5381	3554N	08340W	30.3	139.9	GGGG		20	35
2386-15291	00000/0000	2-10015/0803	02/12/76	0	5381	3428N	08406W	31.2	139.0	GGGG		20	36
2386-15294	00000/0000	2-10015/0804	02/12/76	0	5381	3303N	08432W	32.1	138.1	GGGG		20	37
2386-15300	00000/0000	2-10015/0805	02/12/76	10	5381	3177N	08458W	33.0	137.2	GGGG		20	38
2386-15303	00000/0000	2-10015/0806	02/12/76	10	5381	3011N	08522W	33.8	136.3	GGGG		20	39
2386-15305	00000/0000	2-10015/0807	02/12/76	40	5381	2846N	08546W	34.7	135.3	GGGG		20	40
2386-15312	00000/0000	2-10015/0808	02/12/76	30	5381	2720N	08610W	35.5	134.3	GGGG		20	41
2386-17084	00000/0000	2-10015/0739	02/12/76	90	5382	4714N	10524W	22.7	146.4	GGGG		38	27
2386-17091	00000/0000	2-10015/0740	02/12/76	80	5382	4550N	10559W	23.7	145.6	GGGG		38	28

KEYS: CLOUD COVER : ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01129 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0023

OBSERVATION ID	MICROFILM RELI NR./ POSITION IN RELI RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	PAI NUMBER	FRAME RBW NUMBER
2386-17093	00000/0000 2-10015/0741	02/12/76	90	5382	4425N 10632W	24.6	144.8	GGGG			38	29
2386-17100	00000/0000 2-10015/0742	02/12/76	90	5382	4300N 10705W	25.6	144.0	GGGG			38	30
2386-17102	00000/0000 2-10015/0743	02/12/76	40	5382	4135N 10735W	26.6	143.2	GGGG			38	31
2386-17105	00000/0000 2-10015/0744	02/12/76	0	5382	4010N 10805W	27.6	142.4	GGGG			38	32
2386-17111	00000/0000 2-10015/0745	02/12/76	20	5382	3844N 10834W	28.5	141.6	GGGG			38	33
2386-17114	00000/0000 2-10015/0746	02/12/76	30	5382	3719N 10902W	29.4	140.7	GGGG			38	34
2386-17120	00000/0000 2-10015/0747	02/12/76	80	5382	3553N 10930W	30.3	139.9	GGGG			38	35
2386-17123	00000/0000 2-10015/0748	02/12/76	60	5382	3428N 10957W	31.2	139.0	GGGG			38	36
2386-17125	00000/0000 2-10015/0749	02/12/76	60	5382	3302N 11023W	32.1	138.1	GGGG			38	37
2386-17134	00000/0000 2-10015/0750	02/12/76	40	5382	3011N 11113W	33.8	136.2	GGGG			38	39
2386-20295	00000/0000 2-10015/0845	02/12/76	0	5384	6515N 14528W	9.3	158.9	GGGG			74	14
2386-20301	00000/0000 2-10015/0846	02/12/76	20	5384	6354N 14647W	10.4	157.6	GGGG			74	15
2386-20304	00000/0000 2-10015/0847	02/12/76	60	5384	6233N 14759W	11.5	156.4	GGGG			74	16
2386-20310	00000/0000 2-10015/0848	02/12/76	80	5384	6111N 14906W	12.5	155.3	GGGG			74	17
2386-20313	00000/0000 2-10015/0849	02/12/76	30	5384	5949N 15008W	13.5	154.3	GGGG			74	18
2386-20315	00000/0000 2-10015/0850	02/12/76	90	5384	5826N 15106W	14.6	153.3	GGGG			74	19
2386-20322	00000/0000 2-10015/0851	02/12/76	100	5384	5703N 15200W	15.6	152.3	GGGG			74	20
2386-20324	00000/0000 2-10015/0852	02/12/76	90	5384	5540N 15251W	16.7	151.4	GGGG			74	21
2386-22113	00000/0000 2-10015/0853	02/12/76	0	5385	7029N 16423W	5.1	165.4	GFFF			92	10
2386-22115	00000/0000 2-10015/0854	02/12/76	10	5385	6912N 16624W	6.2	163.6	GFFG			92	11
2386-22122	00000/0000 2-10015/0855	02/12/76	70	5385	6754N 16812W	7.3	161.8	GFFG			92	12
2386-22124	00000/0000 2-10015/0856	02/12/76	40	5385	6634N 16949W	8.3	160.3	FFFG			92	13
2386-22131	00000/0000 2-10015/0857	02/12/76	10	5385	6514N 17116W	9.4	158.9	GFFG			92	14
2386-22133	00000/0000 2-10015/0858	02/12/76	30	5385	6353N 17235W	10.4	157.6	GFFG			92	15
2386-22140	00000/0000 2-10015/0859	02/12/76	70	5385	6231N 17348W	11.5	156.4	FFFG			92	16
2386-22142	00000/0000 2-10015/0860	02/12/76	80	5385	6110N 17455W	12.5	155.3	GFFG			92	17
2386-22145	00000/0000 2-10015/0861	02/12/76	80	5385	5947N 17557W	13.6	154.2	GFFG			92	18
2386-22151	00000/0000 2-10015/0862	02/12/76	90	5385	5825N 17655W	14.6	153.3	GGGG			92	19
2386-22160	00000/0000 2-10015/0863	02/12/76	100	5385	5538N 17839W	16.7	151.4	GGGG			92	21
2386-22163	00000/0000 2-10015/0864	02/12/76	100	5385	5414N 17927W	17.7	150.5	GGGG			92	22
2386-22165	00000/0000 2-10015/0865	02/12/76	100	5385	5251N 17947E	18.7	149.7	GGGF			92	23
2386-22172	00000/0000 2-10015/0866	02/12/76	100	5385	5127N 17905E	19.8	148.8	GGGF			92	24
2387-15304	00000/0000 2-10015/0751	02/13/76	30	5395	4838N 08024W	22.0	147.1	GGGG			21	26
2387-15311	00000/0000 2-10015/0752	02/13/76	50	5395	4713N 08100W	23.0	146.3	GGGG			21	27
2387-15313	00000/0000 2-10015/0753	02/13/76	30	5395	4549N 08135W	24.0	145.5	GFFG			21	28
2387-15320	00000/0000 2-10015/0754	02/13/76	30	5395	4424N 08209W	24.9	144.7	GFFG			21	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0024

OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS DATA	MSS MSS GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2387-15322	00000/0000 2-10015/0755	02/13/76	40	5395	4259N	08241W	25.9	143.9	FGGG		21	30
2387-15325	00000/0000 2-10015/0756	02/13/76	70	5395	4134N	08313W	26.9	143.0	GGGG		21	31
2387-15331	00000/0000 2-10015/0757	02/13/76	90	5395	4009N	08343W	27.8	142.2	GGGG		21	32
2387-15334	00000/0000 2-10015/0758	02/13/76	90	5395	3844N	08412W	28.7	141.4	GGFG		21	33
2387-15340	00000/0000 2-10015/0759	02/13/76	90	5395	3718N	08440W	29.7	140.5	GGGG		21	34
2387-15343	00000/0000 2-10015/0760	02/13/76	90	5395	3552N	08508W	30.6	139.6	GGGG		21	35
2387-15345	00000/0000 2-10015/0761	02/13/76	80	5395	3427N	08534W	31.5	138.8	GGGG		21	36
2387-15352	00000/0000 2-10015/0762	02/13/76	90	5395	3301N	08600W	32.4	137.9	GGGG		21	37
2387-15354	00000/0000 2-10015/0763	02/13/76	80	5395	3136N	08625W	33.2	136.9	GFGG		21	38
2387-15361	00000/0000 2-10015/0764	02/13/76	50	5395	3010N	08650W	34.1	136.0	FFFG		21	39
2387-15363	00000/0000 2-10015/0765	02/13/76	50	5395	2844N	08714W	34.9	135.0	FFFG		21	40
2387-15370	00000/0000 2-10015/0766	02/13/76	30	5395	2718N	08737W	35.7	134.0	FGFF		21	41
2387-17134	00000/0000 2-10015/0900	02/13/76	50	5396	5003N	10534W	21.0	147.9	GGGG		39	25
2387-17140	00000/0000 2-10015/0901	02/13/76	90	5396	4839N	10413W	22.0	147.1	GGGG		39	26
2387-17143	00000/0000 2-10015/0902	02/13/76	90	5396	4714N	10449W	23.0	146.3	GGGG		39	27
2387-17145	00000/0000 2-10015/0903	02/13/76	40	5396	4549N	10724W	24.0	145.5	GGGG		39	28
2387-17152	00000/0000 2-10015/0904	02/13/76	10	5396	4424N	10758W	25.0	144.7	GGGG		39	29
2387-17154	00000/0000 2-10015/0905	02/13/76	0	5396	4259N	10830W	25.9	143.8	GGGF		39	30
2387-17161	00000/0000 2-10015/0906	02/13/76	0	5396	4135N	10901W	26.9	143.0	GGGG		39	31
2387-17163	00000/0000 2-10015/0907	02/13/76	0	5396	4010N	10931W	27.8	142.2	GGGG		39	32
2387-17170	00000/0000 2-10015/0908	02/13/76	0	5396	3844N	11000W	28.8	141.4	GGGF		39	33
2387-17172	00000/0000 2-10015/0909	02/13/76	10	5396	3719N	11028W	29.7	140.5	GGGG		39	34
2387-17175	00000/0000 2-10015/0910	02/13/76	10	5396	3553N	11055W	30.6	139.6	GGGG		39	35
2387-17181	00000/0000 2-10015/0911	02/13/76	40	5396	3427N	11122W	31.5	138.7	GGGG		39	36
2387-17184	00000/0000 2-10015/0912	02/13/76	60	5396	3302N	11148W	32.4	137.8	GGGG		39	37
2387-17190	00000/0000 2-10015/0913	02/13/76	50	5396	3136N	11213W	33.2	136.9	GGGG		39	38
2387-17193	00000/0000 2-10015/0914	02/13/76	30	5396	3010N	11238W	34.1	136.0	GGGG		39	39
2387-20342	00000/0000 2-10015/0867	02/13/76	30	5398	6912N	14203W	6.5	163.4	FGGG		75	11
2387-20344	00000/0000 2-10015/0868	02/13/76	0	5398	6753N	14350W	7.6	161.7	FGGG		75	12
2387-20351	00000/0000 2-10015/0869	02/13/76	10	5398	6634N	14526W	8.6	160.2	FFGG		75	13
2387-20353	00000/0000 2-10015/0870	02/13/76	10	5398	6514N	14654W	9.7	158.8	FGGG		75	14
2387-20360	00000/0000 2-10015/0871	02/13/76	40	5398	6353N	14814W	10.7	157.5	GGGG		75	15
2387-20362	00000/0000 2-10015/0872	02/13/76	90	5398	6231N	14927W	11.8	156.3	GGFG		75	16
2387-20365	00000/0000 2-10015/0873	02/13/76	90	5398	6109N	15033W	12.8	155.2	FGFF		75	17
2387-20371	00000/0000 2-10015/0874	02/13/76	90	5398	5947N	15134W	13.9	154.2	GGGG		75	18
2387-20374	00000/0000 2-10015/0875	02/13/76	70	5398	5824N	15231W	14.9	153.2	FFGG		75	19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/12/77

PAGE 0025

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO. MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN FLYV. AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2387-20380	00000/0000	2-10015/0876	02/13/76	70	5398	5702N	15325W	16.0 152.2	FGGG		75	20
2387-20383	00000/0000	2-10015/0877	02/13/76	60	5398	5538N	15415W	17.0 151.3	FGGF		75	21
2387-22223	00000/0000	2-10015/0878	02/13/76	50	5399	5249N	17822E	19.1 149.5	FGGG		93	23
2387-22230	00000/0000	2-10015/0879	02/13/76	60	5399	5126N	17739E	20.1 148.7	FGGG		93	24
2388-15372	00000/0000	2-10015/0915	02/14/76	10	5409	4548N	08301W	24.3 145.3	FGGG		22	28
2388-15374	00000/0000	2-10015/0916	02/14/76	10	5409	4423N	08335W	25.3 144.5	GGGG		22	29
2388-15381	00000/0000	2-10015/0917	02/14/76	0	5409	4258N	08407W	26.2 143.7	GGGG		22	30
2388-15383	00000/0000	2-10015/0918	02/14/76	0	5409	4133N	08438W	27.2 142.8	GGGG		22	31
2388-15390	00000/0000	2-10015/0919	02/14/76	20	5409	4008N	08508W	28.1 142.0	GGGG		22	32
2388-15400	00000/0000	2-10015/0920	02/14/76	40	5409	3843N	08537W	29.0 141.2	GGGG		22	33
2388-15404	00000/0000	2-10015/0921	02/14/76	30	5409	3718N	08605W	30.0 140.3	GGGG		22	34
2388-15410	00000/0000	2-10015/0922	02/14/76	80	5409	3552N	08633W	30.9 139.4	FGGG		22	35
2388-15413	00000/0000	2-10015/0923	02/14/76	40	5409	3426N	08659W	31.8 138.5	GGGG		22	36
2388-15415	00000/0000	2-10015/0924	02/14/76	30	5409	3300N	08725W	32.6 137.6	GGGG		22	37
2388-15418	00000/0000	2-10015/0925	02/14/76	30	5409	3135N	08750W	33.5 136.7	FGFG		22	38
2388-15422	00000/0000	2-10015/0926	02/14/76	40	5409	3009N	08815W	34.4 135.7	FGGG		22	39
2388-15424	00000/0000	2-10015/0927	02/14/76	50	5409	2843N	08839W	35.2 134.8	GGGG		22	40
2388-17192	00000/0000	2-10015/0928	02/14/76	50	5409	2717N	08903W	36.0 133.8	FGFG		22	41
2388-17201	00000/0000	2-10015/0767	02/14/76	70	5410	5002N	10702W	21.3 147.8	GGGG		40	25
2388-17203	00000/0000	2-10015/0768	02/14/76	90	5410	4713N	10817W	23.3 146.1	GGGG		40	27
2388-17210	00000/0000	2-10015/0769	02/14/76	80	5410	4548N	10852W	24.3 145.3	GGGG		40	28
2388-17212	00000/0000	2-10015/0770	02/14/76	90	5410	4424N	10925W	25.3 144.5	GGGG		40	29
2388-17215	00000/0000	2-10015/0771	02/14/76	80	5410	4258N	10957W	26.2 143.7	GGGG		40	30
2388-17221	00000/0000	2-10015/0772	02/14/76	80	5410	4133N	11028W	27.2 142.8	GGGG		40	31
2388-17224	00000/0000	2-10015/0773	02/14/76	90	5410	4008N	11058W	28.1 142.0	GGGG		40	32
2388-17230	00000/0000	2-10015/0774	02/14/76	70	5410	3843N	11127W	29.1 141.1	GGGG		40	33
2388-17235	00000/0000	2-10015/0775	02/14/76	90	5410	3717N	11156W	30.0 140.3	GGGG		40	34
2388-17242	00000/0000	2-10015/0776	02/14/76	70	5410	3426N	11250W	31.8 138.5	GGGG		40	36
2388-17244	00000/0000	2-10015/0777	02/14/76	30	5410	3301N	11316W	32.7 137.6	FGGG		40	37
2388-20394	00000/0000	2-10015/0778	02/14/76	10	5410	3135N	11340W	33.5 136.7	FGGG		40	38
2388-20400	00000/0000	2-10015/0959	02/14/76	90	5412	7026N	14131W	5.8 165.3	GGGF		76	10
2388-20403	00000/0000	2-10015/0960	02/14/76	0	5412	6911N	14331W	6.9 163.4	GGGG		76	11
2388-20405	00000/0000	2-10015/0961	02/14/76	0	5412	6753N	14518W	7.9 161.7	GGGG		76	12
2388-20412	00000/0000	2-10015/0962	02/14/76	0	5412	6633N	14655W	9.0 160.1	GGGG		76	13
2388-20414	00000/0000	2-10015/0963	02/14/76	0	5412	6512N	14822W	10.0 158.7	GGGG		76	14
		2-10015/0964	02/14/76	20	5412	6351N	14942W	11.1 157.5	GGGF		76	15

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0026

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL BF IMAGE LAT	PRINCIPAL LONG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME R&W NUMBER
2388-20421	00000/0000	2-10015/0965	02/14/76	50	5412	6230N	15054W	12.1	156.3	GF	GG		76	16
2388-20423	00000/0000	2-10015/0966	02/14/76	20	5412	6108N	15201W	13.2	155.1	GP	GG		76	17
2388-20430	00000/0000	2-10015/0967	02/14/76	20	5412	5946N	15303W	14.2	154.1	GG	GG		76	18
2388-20432	00000/0000	2-10015/0968	02/14/76	50	5412	5823N	15400W	15.3	153.1	GG	GG		76	19
2388-20435	00000/0000	2-10015/0969	02/14/76	40	5412	5700N	15453W	16.3	152.1	GG	GG		76	20
2388-20441	00000/0000	2-10015/0958	02/14/76	70	5412	5536N	15543W	17.3	151.2	G	GG		76	21
2388-22282	00000/0000	2-10015/0970	02/14/76	90	5413	5249N	17654E	19.4	149.4	GG	GG		94	23
2388-22284	00000/0000	2-10015/0971	02/14/76	70	5413	5125N	17611E	20.4	148.6	GG	GG		94	24
2389-15421	00000/0000	2-10015/0943	02/15/76	100	5423	4836N	08316W	22.6	146.8	FG	GG		23	26
2389-15424	00000/0000	2-10015/0944	02/15/76	100	5423	4712N	08352W	23.6	146.0	GF	GF		23	27
2389-15430	00000/0000	2-10015/0945	02/15/76	100	5423	4547N	08428W	24.6	145.2	GF	GG		23	28
2389-15433	00000/0000	2-10015/0946	02/15/76	100	5423	4423N	08501W	25.6	144.3	GG	GG		23	29
2389-15435	00000/0000	2-10015/0947	02/15/76	90	5423	4258N	08533W	26.5	143.5	PP	PP		23	30
2389-15442	00000/0000	2-10015/0948	02/15/76	90	5423	4132N	08604W	27.5	142.7	GG	GG		23	31
2389-15444	00000/0000	2-10015/0949	02/15/76	70	5423	4007N	08634W	28.4	141.8	GG	GG		23	32
2389-15451	00000/0000	2-10015/0950	02/15/76	80	5423	3842N	08703W	29.3	141.0	GG	GG		23	33
2389-15453	00000/0000	2-10015/0951	02/15/76	70	5423	3717N	08732W	30.3	140.1	GG	GG		23	34
2389-15460	00000/0000	2-10015/0952	02/15/76	70	5423	3551N	08759W	31.2	139.2	GG	GG		23	35
2389-15462	00000/0000	2-10015/0953	02/15/76	90	5423	3425N	08825W	32.1	138.3	GG	GG		23	36
2389-15471	00000/0000	2-10015/0954	02/15/76	90	5423	3134N	08916W	33.8	136.4	GG	GG		23	38
2389-15474	00000/0000	2-10015/0955	02/15/76	50	5423	3009N	08941W	34.6	135.5	GG	GG		23	39
2389-15480	00000/0000	2-10015/0956	02/15/76	70	5423	2843N	09005W	35.5	134.5	GG	GG		23	40
2389-15483	00000/0000	2-10015/0957	02/15/76	50	5423	2717N	09029W	36.3	133.5	GG	GG		23	41
2389-17250	00000/0000	2-10015/0931	02/15/76	50	5424	5001N	10829W	21.7	147.6	GG	GG		41	25
2389-17253	00000/0000	2-10015/0932	02/15/76	20	5424	4836N	10907W	22.7	146.8	GG	GF		41	26
2389-17255	00000/0000	2-10015/0933	02/15/76	60	5424	4712N	10943W	23.6	146.0	GG	GF		41	27
2389-17262	00000/0000	2-10015/0934	02/15/76	90	5424	4548N	11018W	24.6	145.2	GG	GF		41	28
2389-17264	00000/0000	2-10015/0935	02/15/76	90	5424	4423N	11052W	25.6	144.3	GG	GG		41	29
2389-17271	00000/0000	2-10015/0936	02/15/76	90	5424	4258N	11124W	26.6	143.5	FG	GG		41	30
2389-17273	00000/0000	2-10015/0937	02/15/76	90	5424	4133N	11155W	27.5	142.7	GG	GG		41	31
2389-17280	00000/0000	2-10015/0938	02/15/76	100	5424	4007N	11225W	28.4	141.8	GG	GG		41	32
2389-17282	00000/0000	2-10015/0939	02/15/76	80	5424	3842N	11254W	29.4	140.9	GG	GG		41	33
2389-17285	00000/0000	2-10015/0929	02/15/76	90	5424	3717N	11322W	30.3	140.1	G			41	34
2389-17291	00000/0000	2-10015/0940	02/15/76	70	5424	3551N	11350W	31.2	139.2	GG	GG		41	35
2389-17294	00000/0000	2-10015/0941	02/15/76	40	5424	3425N	11416W	32.1	138.3	GG	GG		41	36
2389-17300	00000/0000	2-10015/0942	02/15/76	10	5424	3300N	11441W	33.0	137.4	GG	GG		41	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0027

OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV	DATE ACQUIRED	CLOUD COVER %	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME RBN NUMBER
2389-17303	00000/0000 2-10015/0930	02/15/76	10	5424	3134N 11506W	33.8	136.4	G			41	38
2389-20452	00000/0000 2-10015/0972	02/15/76	10	5426	7027N 14303W	6.1	165.2	FFGG			77	10
2389-20454	00000/0000 2-10015/0973	02/15/76	0	5426	6910N 14500W	7.2	163.3	FGGG			77	11
2389-20461	00000/0000 2-10015/0974	02/15/76	0	5426	6752N 14647W	8.3	161.6	FGFG			77	12
2389-20463	00000/0000 2-10015/0975	02/15/76	0	5426	6632N 14824W	9.3	160.1	FGGG			77	13
2389-20470	00000/0000 2-10015/0976	02/15/76	10	5426	6512N 14951W	10.4	158.7	GGGG			77	14
2389-20472	00000/0000 2-10015/0977	02/15/76	10	5426	6351N 15110W	11.4	157.4	FGGG			77	15
2389-20475	00000/0000 2-10015/0978	02/15/76	50	5426	6229N 15222W	12.5	156.2	GGGG			77	16
2389-20481	00000/0000 2-10015/0979	02/15/76	40	5426	6107N 15329W	13.5	155.1	GGGG			77	17
2389-20484	00000/0000 2-10015/0980	02/15/76	80	5426	5944N 15431W	14.6	154.0	GGGG			77	18
2389-20490	00000/0000 2-10015/0981	02/15/76	80	5426	5821N 15528W	15.6	153.0	GGGG			77	19
2389-20493	00000/0000 2-10015/0982	02/15/76	90	5426	5659N 15621W	16.6	152.0	GGGG			77	20
2389-20495	00000/0000 2-10015/0983	02/15/76	100	5426	5546N 15711W	17.7	151.1	GGGG			77	21
2389-20502	00000/0000 2-10015/0984	02/15/76	90	5426	5412N 15758W	18.7	150.2	GGGG			77	22
2389-22333	00000/0000 2-10015/0985	02/15/76	70	5427	5412N 17612E	18.7	150.2	GGGG			95	22
2389-22340	00000/0000 2-10015/0986	02/15/76	80	5427	5248N 17527E	19.7	149.3	FGGG			95	23
2390-15475	00000/0000 2-10015/1030	02/16/76	70	5437	4836N 08445W	23.0	146.7	GGGG			24	26
2390-15482	00000/0000 2-10015/1031	02/16/76	100	5437	4711N 08521W	24.0	145.8	GGGG			24	27
2390-15484	00000/0000 2-10015/1032	02/16/76	90	5437	4546N 08556W	24.9	145.0	GGGG			24	28
2390-15491	00000/0000 2-10015/1033	02/16/76	100	5437	4422N 08630W	25.9	144.2	FGGG			24	29
2390-15493	00000/0000 2-10015/1034	02/16/76	100	5437	4257N 08702W	26.9	143.3	GGGG			24	30
2390-15500	00000/0000 2-10015/1035	02/16/76	100	5437	4122N 08732W	27.8	142.5	PGPG			24	31
2390-15502	00000/0000 2-10015/1036	02/16/76	100	5437	4006N 08802W	28.7	141.6	FGPG			24	32
2390-15505	00000/0000 2-10015/1037	02/16/76	90	5437	3841N 08831W	29.7	140.8	FGFG			24	33
2390-15511	00000/0000 2-10015/1038	02/16/76	90	5437	3716N 08900W	30.6	139.9	FGFG			24	34
2390-15514	00000/0000 2-10015/1039	02/16/76	100	5437	3550N 08927W	31.5	139.0	FGFG			24	35
2390-15520	00000/0000 2-10015/1040	02/16/76	100	5437	3425N 08953W	32.4	138.1	FGFG			24	36
2390-15523	00000/0000 2-10015/1041	02/16/76	90	5437	3259N 09019W	33.2	137.1	GGGG			24	37
2390-15525	00000/0000 2-10015/1042	02/16/76	80	5437	3134N 09044W	34.1	136.2	GGGG			24	38
2390-15532	00000/0000 2-10015/1043	02/16/76	90	5437	3007N 09108W	34.9	135.2	GGGG			24	39
2390-15534	00000/0000 2-10015/1044	02/16/76	50	5437	2841N 09132W	35.7	134.2	GGGG			24	40
2390-17304	00000/0000 2-10015/0987	02/16/76	90	5438	5001N 10954W	22.0	147.5	FGGG			42	25
2390-17311	00000/0000 2-10015/0988	02/16/76	100	5438	4836N 11032W	23.0	146.7	FGGG			42	26
2390-17313	00000/0000 2-10015/0989	02/16/76	100	5438	4712N 11109W	24.0	145.8	GGGG			42	27
2390-17320	00000/0000 2-10015/0990	02/16/76	100	5438	4547N 11144W	25.0	145.0	GGGG			42	28
2390-17322	00000/0000 2-10015/0991	02/16/76	100	5438	4422N 11218W	25.9	144.2	GGGG			42	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01129 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0028

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	QUAL MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2390-17325	00000/0000 2-10015/0992	02/16/76	100	5438	4257N	11250W	26.9	143.3	GGGG	42	30
2390-17331	00000/0000 2-10015/0993	02/16/76	90	5438	4132N	11321W	27.8	142.6	GGGG	42	31
2390-17334	00000/0000 2-10015/0994	02/16/76	100	5438	4006N	1351W	28.8	141.6	GGFG	42	32
2390-17340	00000/0000 2-10015/0995	02/16/76	90	5438	3842N	11420W	29.7	140.7	GGGG	42	33
2390-17343	00000/0000 2-10015/0996	02/16/76	50	5438	3716N	11448W	30.6	139.9	GGFG	42	34
2390-17345	00000/0000 2-10015/0997	02/16/76	10	5438	3551N	11515W	31.5	139.0	GGGG	42	35
2390-17352	00000/0000 2-10015/0998	02/16/76	0	5438	3425N	11542W	32.4	138.1	GGGG	42	36
2390-17354	00000/0000 2-10015/0999	02/16/76	0	5438	3259N	11608W	33.2	137.1	GGGG	42	37
2390-17361	00000/0000 2-10015/1000	02/16/76	10	5438	3133N	11633W	34.1	136.2	GGGG	42	38
2390-20510	00000/0000 2-10015/1001	02/16/76	60	5440	7025N	14428W	6.5	165.2	FGFG	78	10
2390-20513	00000/0000 2-10015/1002	02/16/76	0	5440	6909N	14626W	7.6	163.3	FGGG	78	11
2390-20515	00000/0000 2-10015/1003	02/16/76	0	5440	6751N	14812W	8.6	161.6	FGGF	78	12
2390-20522	00000/0000 2-10015/1004	02/16/76	0	5440	6631N	14949W	9.7	160.0	FGGG	78	13
2390-20524	00000/0000 2-10015/1005	02/16/76	10	5440	6511N	15116W	10.7	158.6	GGGG	78	14
2390-20531	00000/0000 2-10015/1006	02/16/76	0	5440	6350N	15236W	11.8	157.3	GGGG	78	15
2390-20533	00000/0000 2-10015/1007	02/16/76	0	5440	6229N	15348W	12.8	156.1	GGGG	78	16
2390-20540	00000/0000 2-10015/1008	02/16/76	30	5440	6107N	15455W	13.9	155.0	GGGP	78	17
2390-20542	00000/0000 2-10015/1009	02/16/76	70	5440	5944N	15556W	14.9	153.9	FGGG	78	18
2390-20545	00000/0000 2-10015/1010	02/16/76	80	5440	5821N	15653W	16.0	152.9	GGGF	78	19
2390-20551	00000/0000 2-10015/1011	02/16/76	70	5440	5658N	15746W	17.0	151.9	GGGG	78	20
2390-20554	00000/0000 2-10015/1012	02/16/76	90	5440	5535N	15836W	18.0	151.0	GGFF	78	21
2390-20560	00000/0000 2-10015/1013	02/16/76	100	5440	5412N	15924W	19.0	150.1	FGGF	78	22
2390-22385	00000/0000 2-10015/1014	02/16/76	50	5441	5535N	17535E	18.0	151.0	FFFG	96	21
2390-22392	00000/0000 2-10015/1015	02/16/76	60	5441	5412N	17448E	19.1	150.1	FGFG	96	22
2390-22394	00000/0000 2-10015/1016	02/16/76	90	5441	5248N	17403E	20.1	149.2	GGGG	96	23
2391-15534	00000/0000 2-10015/1045	02/17/76	30	5451	4835N	08612W	23.3	146.5	FGGG	25	23
2391-15540	00000/0000 2-10015/1046	02/17/76	80	5451	4710N	08648W	24.3	145.7	GGGG	25	27
2391-15543	00000/0000 2-10015/1047	02/17/76	90	5451	4545N	08723W	25.3	144.9	GGFG	25	28
2391-15545	00000/0000 2-10015/1048	02/17/76	70	5451	4420N	08756W	26.2	144.0	GGGG	25	29
2391-15552	00000/0000 2-10015/1049	02/17/76	100	5451	4256N	08828W	27.2	143.1	GGFG	25	30
2391-15554	00000/0000 2-10015/1050	02/17/76	100	5451	4131N	08859W	28.1	142.3	GGFG	25	31
2391-15561	00000/0000 2-10015/1051	02/17/76	100	5451	4005N	08928W	29.1	141.4	GGGG	25	32
2391-15563	00000/0000 2-10015/1052	02/17/76	100	5451	3840N	08957W	30.0	140.6	GGGG	25	33
2391-15570	00000/0000 2-10015/1053	02/17/76	90	5451	3715N	09025W	30.9	139.7	GGFG	25	34
2391-15572	00000/0000 2-10015/1054	02/17/76	90	5451	3549N	09053W	31.8	138.8	GGFG	25	35
2391-15575	00000/0000 2-10015/1055	02/17/76	90	5451	3423N	09120W	32.7	137.8	GGFG	25	36

KEYS: CLOUD COVER : ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0029

OBSERVATION ID	MICROFILM REL. NO. / POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE	SUN FLEV.	SUN AZIM.	IMAGE QUAL	MSS DATA	MSS IMAGE	ORBIT PATH	FRAME ROW
	RBV MSS				LAT LONG			123 45678	MODE	GAIN	NUMBER	NUMBER
2391-15581	00000/0000 2-10015/1056	02/17/76	90	5451	3257N	09146W	33.5	136.9	GGGG		25	37
2391-15584	00000/0000 2-10015/1057	02/17/76	90	5451	3132N	09211W	34.4	135.9	GGGG		25	38
2391-15590	00000/0000 2-10015/1058	02/17/76	90	5451	3006N	09236W	35.2	134.9	GGGG		25	39
2391-15593	00000/0000 2-10015/1059	02/17/76	40	5451	2841N	09300W	36.0	133.9	GGGG		25	40
2391-17363	00000/0000 2-10015/1017	02/17/76	40	5452	5000N	11121W	22.3	147.4	GGGG		43	25
2391-17365	00000/0000 2-10015/1018	02/17/76	50	5452	4835N	11159W	23.3	146.5	GGGG		43	26
2391-17372	00000/0000 2-10015/1019	02/17/76	80	5452	4711N	11236W	24.3	145.7	GGGG		43	27
2391-17374	00000/0000 2-10015/1020	02/17/76	90	5452	4546N	11311W	25.3	144.8	GGGG		43	28
2391-17381	00000/0000 2-10015/1021	02/17/76	90	5452	4421N	11345W	26.2	144.0	GGGG		43	29
2391-17383	00000/0000 2-10015/1022	02/17/76	90	5452	4256N	11417W	27.2	143.1	GGGG		43	30
2391-17390	00000/0000 2-10015/1023	02/17/76	80	5452	4131N	11448W	28.1	142.3	GGGG		43	31
2391-17392	00000/0000 2-10015/1024	02/17/76	80	5452	4006N	11518W	29.1	141.4	GGGG		43	32
2391-17395	00000/0000 2-10015/1025	02/17/76	60	5452	3840N	11547W	30.0	140.5	GGGG		43	33
2391-17401	00000/0000 2-10015/1026	02/17/76	10	5452	3714N	11615W	30.9	139.7	GGGG		43	34
2391-17404	00000/0000 2-10015/1027	02/17/76	10	5452	3549N	11642W	31.8	138.7	GGGG		43	35
2391-17410	00000/0000 2-10015/1028	02/17/76	10	5452	3423N	11708W	32.7	137.8	GGGG		43	36
2391-17413	00000/0000 2-10015/1029	02/17/76	40	5452	3258N	11734W	33.5	136.9	GGGG		43	37
2391-20564	00000/0000 2-10015/1060	02/17/76	10	5454	7026W	14551W	6.9	165.1	GGG		79	10
2391-20571	00000/0000 2-10015/1061	02/17/76	0	5454	6908N	14750W	7.9	163.2	GGGG		79	11
2391-20573	00000/0000 2-10015/1062	02/17/76	0	5454	6750N	14936W	9.0	161.5	GGGG		79	12
2391-20580	00000/0000 2-10015/1063	02/17/76	0	5454	6630N	15112W	10.0	160.0	GGGG		79	13
2391-20582	00000/0000 2-10015/1064	02/17/76	0	5454	6510N	15239W	11.1	158.6	GGGG		79	14
2391-20585	00000/0000 2-10015/1065	02/17/76	0	5454	6349N	15359W	12.1	157.3	GGGG		79	15
2391-20591	00000/0000 2-10015/1066	02/17/76	0	5454	6228N	15513W	13.2	156.0	GGGG		79	16
2391-20594	00000/0000 2-10015/1067	02/17/76	10	5454	6106N	15620W	14.2	154.9	GGGG		79	17
2391-21000	00000/0000 2-10015/1068	02/17/76	40	5454	5944N	15722W	15.3	153.8	GGGG		79	18
2391-21003	00000/0000 2-10015/1069	02/17/76	90	5454	5821N	15820W	16.3	152.8	GGGG		79	19
2391-21005	00000/0000 2-10015/1070	02/17/76	80	5454	5655N	15913W	17.3	151.8	GGGG		79	20
2391-21012	00000/0000 2-10015/1071	02/17/76	30	5454	5535N	16003W	18.4	150.9	GGGG		79	21
2391-21014	00000/0000 2-10015/1072	02/17/76	40	5454	5411N	16049W	19.4	150.0	GGGG		79	22
2392-15592	00000/0000 2-10016/0069	02/18/76	100	5465	4841N	08733W	23.6	146.5	FGGG		26	26
2392-15594	00000/0000 2-10016/0070	02/18/76	100	5465	4717N	08810W	24.5	145.6	FGGG		26	27
2392-16001	00000/0000 2-10016/0071	02/18/76	100	5465	4552N	08845W	25.5	144.8	FGFG		26	28
2392-16003	00000/0000 2-10016/0072	02/18/76	100	5465	4427N	08919W	26.5	143.9	FGFG		26	29
2392-16010	00000/0000 2-10016/0073	02/18/76	100	5465	4302N	08951W	27.4	143.1	FGFG		26	30
2392-16012	00000/0000 2-10016/0074	02/18/76	100	5465	4137N	09022W	28.4	142.2	FGFG		26	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0030.

OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL RBV	DATE ACQUIRED	CLCUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RSL NUMBER
2392-16015	00000/0000 2-10016/0075	02/18/76	100	5465	4012N	09052W	29.3	141.3	GGFG		26	32
2392-16021	00000/0000 2-10016/0076	02/18/76	90	5465	3846N	09121W	30.2	140.4	GGFG		26	33
2392-16024	00000/0000 2-10016/0077	02/18/76	70	5465	3721N	09150W	31.1	139.5	GGGG		26	34
2392-16030	00000/0000 2-10016/0078	02/18/76	40	5465	3555N	09217W	32.0	138.6	GGGG		26	35
2392-16033	00000/0000 2-10016/0079	02/18/76	10	5465	3429N	09244W	32.9	137.7	GGGG		26	36
2392-16035	00000/0000 2-10016/0080	02/18/76	0	5465	3303N	09310W	33.8	136.7	GGGG		26	37
2392-16042	00000/0000 2-10016/0081	02/18/76	0	5465	3138N	09335W	34.6	135.8	GGGG		26	38
2392-16044	00000/0000 2-10016/0082	02/18/76	0	5465	3012N	09400W	35.4	134.8	GGGG		26	39
2392-16051	00000/0000 2-10016/0083	02/18/76	10	5465	2846N	09424W	36.2	133.7	FFGG		26	40
2392-16053	00000/0000 2-10015/1073	02/18/76	40	5465	2721N	09448W	37.0	132.7	FFGG		26	41
2392-16060	00000/0000 2-10015/1074	02/18/76	40	5465	2554N	09511W	37.8	131.6	FFGG		26	42
2392-16062	00000/0000 2-10015/1075	02/18/76	60	5465	2429N	09533W	38.6	130.5	GGFG		26	43
2392-17421	00000/0000 2-10015/1076	02/18/76	40	5466	5006N	11244W	22.6	147.3	FFGG		44	25
2392-17423	00000/0000 2-10015/1077	02/18/76	70	5466	4842N	11322W	23.6	146.5	FFGG		44	26
2392-17430	00000/0000 2-10015/1078	02/18/76	90	5466	4717N	11359W	24.6	145.6	FFGG		44	27
2392-17432	00000/0000 2-10015/1079	02/18/76	90	5466	4552N	11434W	25.5	144.8	FFGG		44	28
2392-17435	00000/0000 2-10015/1080	02/18/76	80	5466	4428N	11507W	26.5	143.9	GGGG		44	29
2392-17441	00000/0000 2-10015/1081	02/18/76	20	5466	4303N	11539W	27.5	143.0	GGGG		44	30
2392-17444	00000/0000 2-10015/1082	02/18/76	30	5466	4138N	11610W	28.4	142.2	GGGG		44	31
2392-17450	00000/0000 2-10015/1083	02/18/76	40	5466	4012N	11640W	29.3	141.3	GGFG		44	32
2392-17453	00000/0000 2-10015/1084	02/18/76	10	5466	3847N	11710W	30.2	140.4	GGFG		44	33
2392-17455	00000/0000 2-10015/1085	02/18/76	0	5466	3721N	11738W	31.1	139.5	GGGG		44	34
2392-17464	00000/0000 2-10015/1086	02/18/76	20	5466	3429N	11831W	32.9	137.7	GGGG		44	36
2392-17471	00000/0000 2-10015/1087	02/18/76	20	5466	3305N	11857W	33.8	136.7	FFFG		44	37
2392-21023	00000/0000 2-10016/0103	02/18/76	0	5468	7032N	14709W	7.1	165.3	GGGG		80	10
2392-21025	00000/0000 2-10016/0104	02/18/76	0	5468	6914N	14909W	8.2	163.3	GGFG		80	11
2392-21032	00000/0000 2-10016/0105	02/18/76	0	5468	6756N	15057W	9.3	161.6	GGGG		80	12
2392-21034	00000/0000 2-10016/0106	02/18/76	0	5468	6636N	15234W	10.3	160.0	GGGG		80	13
2392-21041	00000/0000 2-10016/0107	02/18/76	0	5468	6516N	15402W	11.4	158.6	GGGG		80	14
2392-21043	00000/0000 2-10016/0108	02/18/76	0	5468	6355N	15521W	12.4	157.3	GGGG		80	15
2392-21050	00000/0000 2-10016/0109	02/18/76	0	5468	6233N	15634W	13.5	156.1	GGGG		80	16
2392-21052	00000/0000 2-10016/0110	02/18/76	50	5468	6111N	15741W	14.5	154.9	GGGG		80	17
2392-21055	00000/0000 2-10016/0111	02/18/76	10	5468	5949N	15842W	15.5	153.8	GGFG		80	18
2392-21061	00000/0000 2-10016/0112	02/18/76	10	5468	5827N	15940W	16.6	152.8	GGGG		80	19
2392-21064	00000/0000 2-10016/0113	02/18/76	80	5468	5704N	16034W	17.6	151.8	FFGG		80	20
2392-21070	00000/0000 2-10016/0114	02/18/76	90	5468	5541N	16125W	18.6	150.9	GGGG		80	21

KEYS: CLCUD COVER % ..... 0 TO 100 = % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0031

OBSERVATION ID	MICROFILM ROLL NO. / POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE	SUN ELEV.	SUN AZIM.	IMAGE QUAL	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
	RBV MSS				LAT LONG			123 45678				
2392-21073	00000/0000 2-10016/0115	02/18/76	100	5468	5417N	16213W	19.6	149.9	GGGG		80	22
2392-22504	00000/0000 2-10016/0116	02/18/76	20	5469	5417N	17159E	19.7	149.9	GGGG		98	22
2393-14221	00000/0000 2-10016/0117	02/19/76	100	5478	4716N	06346W	24.9	145.5	FFFG		9	27
2393-16050	00000/0000 2-10016/0118	02/19/76	40	5479	4841N	08901W	23.9	146.3	PGFG		27	26
2393-16053	00000/0000 2-10016/0119	02/19/76	80	5479	4716N	08937W	24.9	145.5	FGFG		27	27
2393-16055	00000/0000 2-10016/0120	02/19/76	100	5479	4551N	09012W	25.9	144.6	FFFG		27	28
2393-16062	00000/0000 2-10016/0121	02/19/76	100	5479	4427N	09045W	26.8	143.7	FFFG		27	29
2393-16064	00000/0000 2-10016/0122	02/19/76	80	5479	4302N	09117W	27.8	142.9	FFFF		27	30
2393-16071	00000/0000 2-10016/0123	02/19/76	20	5479	4137N	09147W	28.7	142.0	GGGG		27	31
2393-16073	00000/0000 2-10016/0124	02/19/76	10	5479	4012N	09217W	29.6	141.1	GGGG		27	32
2393-16080	00000/0000 2-10016/0125	02/19/76	0	5479	3846N	09246W	30.5	140.2	GGGG		27	33
2393-16082	00000/0000 2-10016/0126	02/19/76	0	5479	3721N	09315W	31.4	139.3	GGGG		27	34
2393-16085	00000/0000 2-10016/0127	02/19/76	0	5479	3555N	09343W	32.3	138.4	FGGG		27	35
2393-16091	00000/0000 2-10016/0128	02/19/76	0	5479	3429N	09409W	33.2	137.4	GGGG		27	36
2393-16094	00000/0000 2-10016/0129	02/19/76	0	5479	3304N	09435W	34.1	136.5	GGGG		27	37
2393-16100	00000/0000 2-10016/0130	02/19/76	0	5479	3138N	09500W	34.9	135.5	GGGG		27	38
2393-16105	00000/0000 2-10016/0131	02/19/76	0	5479	2846N	09549W	36.5	133.5	GGGG		27	40
2393-16112	00000/0000 2-10016/0132	02/19/76	80	5479	2720N	09613W	37.3	132.4	GGGF		27	41
2393-16114	00000/0000 2-10016/0133	02/19/76	90	5479	2554N	09636W	38.1	131.3	GGGG		27	42
2393-17520	00000/0000 2-10016/0134	02/19/76	60	5480	3554N	11931W	32.3	138.4	FGGG		45	35
2393-21081	00000/0000 2-10016/0135	02/19/76	10	5482	7032N	14834W	7.5	165.2	FGGP		81	10
2393-21083	00000/0000 2-10016/0136	02/19/76	10	5482	6914N	15034W	8.6	163.3	FGGF		81	11
2393-21090	00000/0000 2-10016/0137	02/19/76	0	5482	6755N	15222W	9.6	161.6	GGGG		81	12
2393-21092	00000/0000 2-10016/0138	02/19/76	0	5482	6636N	15358W	10.7	160.0	GGGG		81	13
2393-21095	00000/0000 2-10016/0139	02/19/76	10	5482	6516N	15525W	11.7	158.6	GGGG		81	14
2393-21101	00000/0000 2-10016/0140	02/19/76	0	5482	6355N	15645W	12.8	157.2	FGFG		81	15
2393-21104	00000/0000 2-10016/0141	02/19/76	10	5482	6233N	15759W	13.8	156.0	GGGG		81	16
2393-21110	00000/0000 2-10016/0142	02/19/76	30	5482	6112N	15907W	14.9	154.8	FGGG		81	17
2393-21113	00000/0000 2-10016/0143	02/19/76	20	5482	5949N	16009W	15.9	153.8	GGGG		81	18
2393-21124	00000/0000 2-10016/0144	02/19/76	90	5482	5540N	16252W	19.0	150.8	GGGG		81	21
2393-21131	00000/0000 2-10016/0145	02/19/76	90	5482	5417N	16339W	20.0	149.8	GGGG		81	22
2393-21133	00000/0000 2-10016/0146	02/19/76	90	5482	5253N	16425W	21.0	148.9	GGGF		81	23
2394-14275	00000/0000 2-10016/0199	02/20/76	30	5492	4715N	06513W	25.2	145.3	FGGG		10	27
2394-14282	00000/0000 2-10016/0200	02/20/76	50	5492	4551N	06548W	26.2	144.5	FGGG		10	28
2394-14284	00000/0000 2-10016/0201	02/20/76	80	5492	4426N	06622W	27.1	143.6	GGGG		10	29
2394-14291	00000/0000 2-10016/0202	02/20/76	90	5492	4301N	06654W	28.1	142.7	FGFG		10	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAV) NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0032

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2394-16103	00000/0000	2-10016/0203	02/20/76	70	5493	4939N	09002W	23.6	146.8	FGGG			28	28
2394-16105	00000/0000	2-10016/0204	02/20/76	90	5493	4814N	09039W	24.5	145.9	FGGG			28	26
2394-16112	00000/0000	2-10016/0205	02/20/76	60	5493	4650N	09115W	25.5	145.1	GGFG			28	27
2394-16114	00000/0000	2-10016/0206	02/20/76	80	5493	4525N	09149W	26.5	144.2	FGGG			28	28
2394-16121	00000/0000	2-10016/0207	02/20/76	90	5493	4400N	09222W	27.4	143.3	FGFF			28	29
2394-16122	00000/0000	2-10016/0187	02/20/76	90	5493	4300N	09245W	28.1	142.7	GGGG			28	30
2394-16125	00000/0000	2-10016/0188	02/20/76	70	5493	4135N	09315W	29.0	141.8	FGGG			28	31
2394-16131	00000/0000	2-10016/0189	02/20/76	20	5493	4010N	09345W	30.0	140.9	GGGG			28	32
2394-16134	00000/0000	2-10016/0190	02/20/76	40	5493	3845N	09414W	30.9	140.0	GGGG			28	33
2394-16140	00000/0000	2-10016/0191	02/20/76	50	5493	3720N	09442W	31.8	139.1	GGGG			28	34
2394-16143	00000/0000	2-10016/0192	02/20/76	70	5493	3554N	09509W	32.6	138.2	GGGG			28	35
2394-16152	00000/0000	2-10016/0193	02/20/76	100	5493	3303N	09601W	34.4	136.2	GGGG			28	37
2394-16154	00000/0000	2-10016/0194	02/20/76	100	5493	3137N	09627W	35.2	135.2	FGGG			28	38
2394-16161	00000/0000	2-10016/0195	02/20/76	90	5493	3011N	09652W	36.0	134.2	GGFG			28	39
2394-16163	00000/0000	2-10016/0196	02/20/76	90	5493	2846N	09716W	36.8	133.2	GGFG			28	40
2394-16170	00000/0000	2-10016/0197	02/20/76	70	5493	2720N	09740W	37.6	132.1	GGGG			28	41
2394-16172	00000/0000	2-10016/0198	02/20/76	60	5493	2554N	09802W	38.4	131.0	GGGG			28	42
2394-17533	00000/0000	2-10016/0175	02/20/76	30	5494	5004N	11536W	23.3	147.1	GGGG			46	35
2394-17540	00000/0000	2-10016/0176	02/20/76	20	5494	4840N	11615W	24.3	146.2	GGGG			46	26
2394-17542	00000/0000	2-10016/0177	02/20/76	70	5494	4716N	11651W	25.3	145.3	GFGG			46	27
2394-17543	00000/0000	2-10016/0178	02/20/76	40	5494	4551N	11726W	26.2	144.4	GFGG			46	28
2394-17551	00000/0000	2-10016/0179	02/20/76	30	5494	4426N	11800W	27.2	143.6	GGGG			46	29
2394-17554	00000/0000	2-10016/0180	02/20/76	10	5494	4300N	11833W	28.1	142.7	GGGF			46	30
2394-17560	00000/0000	2-10016/0181	02/20/76	20	5494	4135N	11904W	29.1	141.3	GGGG			46	31
2394-17563	00000/0000	2-10016/0182	02/20/76	10	5494	4010N	11934W	30.0	140.9	GGFG			46	32
2394-17565	00000/0000	2-10016/0183	02/20/76	0	5494	3845N	12003W	30.9	140.0	GGGG			46	33
2394-17572	00000/0000	2-10016/0184	02/20/76	10	5494	3720N	12030W	31.8	139.1	GGGG			46	34
2394-17574	00000/0000	2-10016/0185	02/20/76	10	5494	3554N	12057W	32.7	138.2	GGGG			46	35
2394-17581	00000/0000	2-10016/0186	02/20/76	10	5494	3429N	12124W	33.5	137.2	GGGG			46	36
2394-21135	00000/0000	2-10016/0147	02/20/76	10	5496	7034N	14958W	7.8	165.3	GGGG			82	10
2394-21142	00000/0000	2-10016/0148	02/20/76	0	5496	6916N	15200W	8.9	163.3	GGGF			82	11
2394-21144	00000/0000	2-10016/0149	02/20/76	0	5496	6757N	15348W	9.9	161.6	GGGG			82	12
2394-21151	00000/0000	2-10016/0150	02/20/76	0	5496	6638N	15525W	11.0	160.0	GGGG			82	13
2394-21153	00000/0000	2-10016/0151	02/20/76	0	5496	6518N	15653W	12.1	158.6	GGGG			82	14
2394-21160	00000/0000	2-10016/0152	02/20/76	0	5496	6357N	15812W	13.1	157.2	GFGG			82	15
2394-21162	00000/0000	2-10016/0153	02/20/76	0	5496	6236N	15924W	14.1	156.0	GGGG			82	16

KEYS: CLOUD COVER 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS) = NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANOSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0033

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2394-21165	00000/0000 2-10016/0154	02/20/76	0	5496	6113N	16031W	15.2	154.8	GGGG		82	17
2394-21171	00000/0000 2-10016/0155	02/20/76	10	5496	5951N	16134W	16.2	153.7	GGGG		82	18
2394-21174	00000/0000 2-10016/0156	02/20/76	10	5496	5829N	16232W	17.3	152.7	GGGG		82	19
2394-21180	00000/0000 2-10016/0157	02/20/76	10	5496	5706N	16325W	18.3	151.7	GGGG		82	20
2394-21183	00000/0000 2-10016/0158	02/20/76	50	5496	5542N	16415W	19.3	150.7	GGGG		82	21
2394-21185	00000/0000 2-10016/0159	02/20/76	70	5496	5419N	16503W	20.3	149.8	GGGF		82	22
2394-21192	00000/0000 2-10016/0160	02/20/76	90	5496	5255N	16548W	21.3	148.9	GGGG		82	23
2395-14333	00000/0000 2-10016/0026	02/21/76	20	5506	4718N	06638W	25.5	145.2	GGGG		11	27
2395-14340	00000/0000 2-10016/0027	02/21/76	10	5506	4553N	06713W	26.5	144.4	GGGG		11	28
2395-14342	00000/0000 2-10016/0028	02/21/76	20	5506	4428N	06746W	27.4	143.5	GGGG		11	29
2395-14345	00000/0000 2-10016/0029	02/21/76	10	5506	4304N	06818W	28.4	142.6	GGGG		11	30
2395-14351	00000/0000 2-10016/0030	02/21/76	10	5506	4138N	06849W	29.3	141.7	GGGG		11	31
2395-14354	00000/0000 2-10016/0031	02/21/76	10	5506	4013N	06919W	30.2	140.8	GGGG		11	32
2395-16163	00000/0000 2-10016/0218	02/21/76	0	5507	4842N	09152W	24.6	146.1	GGGG		29	26
2395-16165	00000/0000 2-10016/0219	02/21/76	10	5507	4718N	09228W	25.5	145.2	GGGG		29	27
2395-16172	00000/0000 2-10016/0220	02/21/76	10	5507	4553N	09303W	26.5	144.3	GGGG		29	28
2395-16174	00000/0000 2-10016/0221	02/21/76	60	5507	4428N	09336W	27.5	143.5	GGGG		29	29
2395-16181	00000/0000 2-10016/0222	02/21/76	100	5507	4303N	09408W	28.4	142.6	GGGG		29	30
2395-16183	00000/0000 2-10016/0223	02/21/76	100	5507	4139N	09439W	29.3	141.7	GGGG		29	31
2395-16190	00000/0000 2-10016/0224	02/21/76	100	5507	4014N	09509W	30.2	140.8	GGGG		29	32
2395-16192	00000/0000 2-10016/0225	02/21/76	100	5507	3848N	09538W	31.2	139.9	GGGG		29	33
2395-16195	00000/0000 2-10016/0226	02/21/76	90	5507	3722N	09606W	32.0	138.9	GGGG		29	34
2395-16201	00000/0000 2-10016/0227	02/21/76	100	5507	3556N	09634W	32.9	138.0	GGGG		29	35
2395-16210	00000/0000 2-10016/0228	02/21/76	70	5507	3305N	09726W	34.6	136.0	GGGG		29	37
2395-16213	00000/0000 2-10016/0229	02/21/76	10	5507	3139N	09752W	35.5	135.0	GGGG		29	38
2395-16215	00000/0000 2-10016/0230	02/21/76	10	5507	3013N	09817W	36.3	134.0	GGGG		29	39
2395-16222	00000/0000 2-10016/0231	02/21/76	10	5507	2847N	09841W	37.1	132.9	GGGG		29	40
2395-16224	00000/0000 2-10016/0232	02/21/76	10	5507	2722N	09905W	37.9	131.9	GGGG		29	41
2395-16231	00000/0000 2-10016/0233	02/21/76	10	5507	2556N	09928W	38.6	130.7	GGGF		29	42
2395-17592	00000/0000 2-10016/0208	02/21/76	50	5508	5007N	11701W	23.6	147.0	GGG		47	25
2395-17594	00000/0000 2-10016/0209	02/21/76	50	5508	4843N	11739W	24.6	146.1	GGGG		47	26
2395-18001	00000/0000 2-10016/0210	02/21/76	50	5508	4718N	11816W	25.6	145.2	GGGG		47	27
2395-18003	00000/0000 2-10016/0211	02/21/76	40	5508	4554N	11851W	26.5	144.3	GGGF		47	28
2395-18010	00000/0000 2-10016/0212	02/21/76	30	5508	4428N	11924W	27.5	143.4	GGGG		47	29
2395-18012	00000/0000 2-10016/0213	02/21/76	10	5508	4304N	11956W	28.4	142.6	GGGG		47	30
2395-18015	00000/0000 2-10016/0214	02/21/76	10	5508	4139N	12028W	29.4	141.7	GGGG		47	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US

PAGE 0034

FROM 01/22/76 TO 01/22/77

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2395-18021	00000/0000	2-10016/0215	02/21/76	0	5508	4014N	12058W	30.3	140.8	GGGG			47	32
2395-18024	00000/0000	2-10016/0216	02/21/76	0	5508	3850N	12127W	31.2	139.8	GGGG			47	33
2395-18030	00000/0000	2-10016/0217	02/21/76	10	5508	3723N	12155W	32.1	138.9	GGGG			47	34
2395-21193	00000/0000	2-10016/0161	02/21/76	10	5510	7033N	15125W	8.2	165.3	GGGG			83	10
2395-21200	00000/0000	2-10016/0162	02/21/76	0	5510	6915N	15328W	9.3	163.3	GGGG			83	11
2395-21202	00000/0000	2-10016/0163	02/21/76	0	5510	6756N	15515W	10.3	161.6	GGGG			83	12
2395-21205	00000/0000	2-10016/0164	02/21/76	0	5510	6637N	15652W	11.4	160.0	GGGG			83	13
2395-21211	00000/0000	2-10016/0165	02/21/76	0	5510	6517N	15820W	12.4	158.5	GGGG			83	14
2395-21214	00000/0000	2-10016/0166	02/21/76	10	5510	6356N	15940W	13.5	157.2	GGGG			83	15
2395-21220	00000/0000	2-10016/0167	02/21/76	30	5510	6234N	16053W	14.5	155.9	GGGG			83	16
2395-21223	00000/0000	2-10016/0168	02/21/76	70	5510	6113N	16159W	15.6	154.8	GGGG			83	17
2395-21225	00000/0000	2-10016/0169	02/21/76	100	5510	5951N	16300W	16.6	153.7	GGGG			83	18
2395-21232	00000/0000	2-10016/0170	02/21/76	90	5510	5828N	16358W	17.6	152.6	GGGG			83	19
2395-21234	00000/0000	2-10016/0171	02/21/76	60	5510	5705N	16453W	18.6	151.6	GGGG			83	20
2395-21241	00000/0000	2-10016/0172	02/21/76	70	5510	5541N	16544W	19.7	150.6	GGGG			83	21
2395-21243	00000/0000	2-10016/0173	02/21/76	70	5510	5418N	16631W	20.7	149.7	GGGG			83	22
2395-21250	00000/0000	2-10016/0174	02/21/76	30	5510	5254N	16716W	21.7	148.7	GGGG			83	23
2396-14392	00000/0000	2-10016/0017	02/22/76	100	5520	4718N	06804W	25.9	145.1	GGGG			12	27
2396-14394	00000/0000	2-10016/0018	02/22/76	100	5520	4653N	06838W	26.8	144.2	GGGG			12	28
2396-14401	00000/0000	2-10016/0019	02/22/76	100	5520	4428N	06911W	27.8	143.3	GGGG			12	29
2396-14403	00000/0000	2-10016/0020	02/22/76	100	5520	4303N	06943W	28.7	142.4	GGGG			12	30
2396-14410	00000/0000	2-10016/0021	02/22/76	100	5520	4138N	07015W	29.6	141.5	GGGG			12	31
2396-14412	00000/0000	2-10016/0022	02/22/76	100	5520	4012N	07045W	30.6	140.6	GGGG			12	32
2396-14415	00000/0000	2-10016/0023	02/22/76	100	5520	3847N	07115W	31.5	139.7	GGGG			12	33
2396-14421	00000/0000	2-10016/0024	02/22/76	100	5520	3722N	07143W	32.4	138.7	GGGG			12	34
2396-14424	00000/0000	2-10016/0025	02/22/76	100	5520	3556N	07210W	33.2	137.8	GGGG			12	35
2396-16221	00000/0000	2-10016/0433	02/22/76	10	5521	4841N	09318W	24.9	146.0	GGGG			30	26
2396-16223	00000/0000	2-10016/0434	02/22/76	20	5521	4717N	09354W	25.9	145.1	GGGG			30	27
2396-16230	00000/0000	2-10016/0435	02/22/76	30	5521	4552N	09429W	26.9	144.2	GGGG			30	28
2396-16232	00000/0000	2-10016/0436	02/22/76	90	5521	4427N	09502W	27.8	143.3	GGGG			30	29
2396-16235	00000/0000	2-10016/0437	02/22/76	50	5521	4302N	09535W	28.7	142.4	GGGG			30	30
2396-16241	00000/0000	2-10016/0438	02/22/76	0	5521	4137N	09606W	29.7	141.5	GGGG			30	31
2396-16244	00000/0000	2-10016/0439	02/22/76	0	5521	4012N	09636W	30.6	140.6	GGGG			30	32
2396-16250	00000/0000	2-10016/0440	02/22/76	0	5521	3847N	09705W	31.5	139.7	GGGG			30	33
2396-16253	00000/0000	2-10016/0441	02/22/76	0	5521	3721N	09733W	32.4	138.7	GGGG			30	34
2396-16255	00000/0000	2-10016/0442	02/22/76	0	5521	3556N	09801W	33.3	137.8	GGGG			30	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANK)=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
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FROM 01/22/76 TO 01/22/77

PAGE 0035

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS QUAL 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2396-16262	00000/0000 2-10016/0443	02/22/76	0	5521	3430N	09827W	34.1	136.8	GGGG				30	36
2396-16264	00000/0000 2-10016/0444	02/22/76	0	5521	3304N	09853W	35.0	135.8	FGFG				30	37
2396-16271	00000/0000 2-10016/0445	02/22/76	0	5521	3139N	09918W	35.8	134.8	GGGG				30	38
2396-16273	00000/0000 2-10016/0446	02/22/76	0	5521	3013N	09942W	36.6	133.7	GGFG				30	39
2396-16280	00000/0000 2-10016/0447	02/22/76	10	5521	2847N	10007W	37.4	132.6	FGGG				30	40
2396-16282	00000/0000 2-10016/0448	02/22/76	20	5521	2721N	10030W	38.1	131.6	GGGG				30	41
2396-16285	00000/0000 2-10016/0449	02/22/76	20	5521	2555N	10054W	38.9	130.4	FGFG				30	42
2396-18052	00000/0000 2-10016/0234	02/22/76	30	5522	4842N	11908W	24.9	146.0	GGGF				48	26
2396-18055	00000/0000 2-10016/0235	02/22/76	40	5522	4717N	11944W	25.9	145.1	FGGF				48	27
2396-18061	00000/0000 2-10016/0236	02/22/76	90	5522	4552N	12019W	26.9	144.2	GGFF				48	28
2396-18064	00000/0000 2-10016/0237	02/22/76	90	5522	4428N	12053W	27.8	143.3	FFFF				48	29
2396-18070	00000/0000 2-10016/0238	02/22/76	60	5522	4302N	12125W	28.8	142.4	GGFF				48	30
2396-18073	00000/0000 2-10016/0239	02/22/76	20	5522	4137N	12156W	29.7	141.5	FFFF				48	31
2396-18075	00000/0000 2-10016/0240	02/22/76	30	5522	4012N	12226W	30.6	140.6	FGGF				48	32
2396-18082	00000/0000 2-10016/0241	02/22/76	70	5522	3847N	12255W	31.5	139.6	FFFF				48	33
2396-18084	00000/0000 2-10016/0242	02/22/76	70	5522	3721N	12323W	32.4	138.7	GGGG				48	34
2396-18091	00000/0000 2-10016/0243	02/22/76	70	5522	3556N	12350W	33.3	137.7	FGGF				48	35
2396-21245	00000/0000 2-10016/0259	02/22/76	100	5524	7147N	15040W	7.5	167.4	FGGG				84	9
2396-21252	00000/0000 2-10016/0260	02/22/76	40	5524	7032N	15255W	8.6	165.2	GGGG				84	10
2396-21254	00000/0000 2-10016/0261	02/22/76	20	5524	6914N	15456W	9.6	163.3	GGGG				84	11
2396-21261	00000/0000 2-10016/0262	02/22/76	10	5524	6755N	15644W	10.7	161.5	GGGG				84	12
2396-21263	00000/0000 2-10016/0263	02/22/76	0	5524	6636N	15820W	11.7	159.9	GGGG				84	13
2396-21270	00000/0000 2-10016/0264	02/22/76	0	5524	6516N	15947W	12.8	158.5	GGGG				84	14
2396-21272	00000/0000 2-10016/0265	02/22/76	0	5524	6355N	16107W	13.8	157.1	FGGG				84	15
2396-21275	00000/0000 2-10016/0266	02/22/76	0	5524	6234N	16220W	14.9	155.9	GGFG				84	16
2396-21281	00000/0000 2-10016/0267	02/22/76	20	5524	6112N	16327W	15.9	154.7	FFFF				84	17
2396-21284	00000/0000 2-10016/0268	02/22/76	20	5524	5950N	16429W	17.0	153.6	FGFG				84	18
2396-21290	00000/0000 2-10016/0269	02/22/76	10	5524	5827N	16527W	18.0	152.5	GGGG				84	19
2396-21293	00000/0000 2-10016/0270	02/22/76	30	5524	5704N	16620W	19.0	151.5	GGGG				84	20
2396-21295	00000/0000 2-10016/0271	02/22/76	50	5524	5541N	16711W	20.0	150.5	FGGG				84	21
2396-21302	00000/0000 2-10016/0272	02/22/76	60	5524	5417N	16758W	21.0	149.6	GGGG				84	22
2396-21304	00000/0000 2-10016/0273	02/22/76	50	5524	5253N	16843W	22.0	148.6	GGGG				84	23
2396-21311	00000/0000 2-10016/0274	02/22/76	40	5524	5129N	16925W	23.0	147.7	GGGG				84	24
2397-14450	00000/0000 2-10016/0292	02/23/76	10	5534	4716N	06932W	25.2	144.9	GGGG				13	27
2397-14453	00000/0000 2-10016/0293	02/23/76	20	5534	4551N	07007W	27.2	144.0	GGGG				13	28
2397-14455	00000/0000 2-10016/0294	02/23/76	10	5534	4426N	07041W	28.1	143.1	GGGG				13	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0036

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER NUMBER	SUN ELEV.	SUN AZIM.	PRINCIPAL POINT OF IMAGE LAT LONG	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2397-14462	00000/0000	2-10016/0295	02/23/76	0	5534	4301N	07113W	29.1 142.2	GGGG		13	30
2397-14464	00000/0000	2-10016/0296	02/23/76	10	5534	4136N	07145W	30.0 141.3	GGGG		13	31
2397-14471	00000/0000	2-10016/0297	02/23/76	20	5534	4010N	07215W	30.9 140.4	GGGG		13	32
2397-14473	00000/0000	2-10016/0298	02/23/76	70	5534	3845N	07244W	31.8 139.5	GGGG		13	33
2397-14480	00000/0000	2-10016/0299	02/23/76	70	5534	3720N	07312W	32.7 138.5	GGGG		13	34
2397-14482	00000/0000	2-10016/0300	02/23/76	90	5534	3554N	07340W	33.6 137.5	GGGG		13	35
2397-14485	00000/0000	2-10016/0301	02/23/76	90	5534	3429N	07406W	34.4 136.6	GGGG		13	36
2397-14491	00000/0000	2-10016/0302	02/23/76	80	5534	3304N	07432W	35.3 135.5	GGGG		13	37
2397-14494	00000/0000	2-10016/0303	02/23/76	70	5534	3137N	07457W	36.1 134.5	GGGG		13	38
2397-16273	00000/0000	2-10016/0275	02/23/76	0	5535	5006N	09405W	24.3 146.7	GGGG		31	25
2397-16275	00000/0000	2-10016/0276	02/23/76	0	5535	4841N	09443W	25.3 145.8	GGGG		31	26
2397-16282	00000/0000	2-10016/0277	02/23/76	0	5535	4717N	09519W	26.2 144.9	GGGG		31	27
2397-16284	00000/0000	2-10016/0278	02/23/76	0	5535	4552N	09554W	27.2 144.0	GGGG		31	28
2397-16291	00000/0000	2-10016/0279	02/23/76	0	5535	4427N	09627W	28.2 143.1	GGGG		31	29
2397-16293	00000/0000	2-10016/0280	02/23/76	0	5535	4302N	09700W	29.1 142.2	GGGG		31	30
2397-16300	00000/0000	2-10016/0281	02/23/76	0	5535	4137N	09730W	30.0 141.3	GGGG		31	31
2397-16302	00000/0000	2-10016/0282	02/23/76	0	5535	4012N	09800W	30.9 140.4	GGGG		31	32
2397-16305	00000/0000	2-10016/0283	02/23/76	0	5535	3847N	09825W	31.8 139.5	GGGG		31	33
2397-16311	00000/0000	2-10016/0284	02/23/76	0	5535	3721N	09858W	32.7 138.5	GGGG		31	34
2397-16314	00000/0000	2-10016/0285	02/23/76	0	5535	3556N	09925W	33.6 137.5	GGGG		31	35
2397-16320	00000/0000	2-10016/0286	02/23/76	0	5535	3430N	09952W	34.4 136.5	GGGG		31	36
2397-16323	00000/0000	2-10016/0287	02/23/76	0	5535	3304N	10018W	35.3 135.5	GGGG		31	37
2397-16325	00000/0000	2-10016/0288	02/23/76	0	5535	3138N	10044W	36.1 134.5	GGGG		31	38
2397-16332	00000/0000	2-10016/0289	02/23/76	0	5535	3012N	10108W	36.9 133.4	GGGG		31	39
2397-16334	00000/0000	2-10016/0290	02/23/76	0	5535	2846N	10132W	37.7 132.4	GGGG		31	40
2397-16341	00000/0000	2-10016/0291	02/23/76	0	5535	2721N	10156W	38.4 131.2	GGGG		31	41
2397-18111	00000/0000	2-10016/0318	02/23/76	20	5536	4841N	12033W	25.3 145.8	GGGG		49	26
2397-18113	00000/0000	2-10016/0319	02/23/76	50	5536	4716N	12109W	26.3 144.9	GGGG		49	27
2397-18120	00000/0000	2-10016/0320	02/23/76	70	5536	4551N	12144W	27.2 144.0	GGGG		49	28
2397-18122	00000/0000	2-10016/0321	02/23/76	90	5536	4427N	12218W	28.2 143.1	GGGG		49	29
2397-18125	00000/0000	2-10016/0322	02/23/76	90	5536	4301N	12250W	29.1 142.2	GGGG		49	30
2397-18131	00000/0000	2-10016/0323	02/23/76	80	5536	4137N	12321W	30.0 141.3	GGGG		49	31
2397-18134	00000/0000	2-10016/0324	02/23/76	80	5536	4012N	12351W	31.0 140.4	GGGG		49	32
2397-18140	00000/0000	2-10016/0325	02/23/76	90	5536	3846N	12420W	31.9 139.4	GGGG		49	33
2397-18143	00000/0000	2-10016/0326	02/23/76	90	5536	3720N	12448W	32.7 138.5	GGGG		49	34
2397-21303	00000/0000	2-10016/0244	02/23/76	40	5538	7149N	15159W	7.9 167.5	GGGG		85	9

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=NO DATA AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0037

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2397-21310	00000/0000	2-10016/0245	02/23/76	70	5538	7034N	15413W	8.9	165.3	FGGG			85	10
2397-21312	00000/0000	2-10016/0246	02/23/76	30	5538	6916N	15615W	10.0	163.3	GGGG			85	11
2397-21315	00000/0000	2-10016/0247	02/23/76	30	5538	6758N	15803W	11.0	161.6	GGGG			85	12
2397-21321	00000/0000	2-10016/0248	02/23/76	10	5538	6639N	15941W	12.1	159.9	GGGG			85	13
2397-21324	00000/0000	2-10016/0249	02/23/76	10	5538	6518N	16109W	13.1	158.5	GGGG			85	14
2397-21330	00000/0000	2-10016/0250	02/23/76	10	5538	6358N	16230W	14.2	157.1	GGGG			85	15
2397-21333	00000/0000	2-10016/0251	02/23/76	10	5538	6236N	16343W	15.2	155.9	GGGG			85	16
2397-21335	00000/0000	2-10016/0252	02/23/76	10	5538	6115N	16451W	16.3	154.7	GGGG			85	17
2397-21342	00000/0000	2-10016/0253	02/23/76	10	5538	5953N	16553W	17.3	153.5	GGGG			85	18
2397-21344	00000/0000	2-10016/0254	02/23/76	10	5538	5830N	16651W	18.3	152.5	GGGG			85	19
2397-21351	00000/0000	2-10016/0255	02/23/76	20	5538	5707N	16745W	19.3	151.5	GGGG			85	20
2397-21353	00000/0000	2-10016/0256	02/23/76	50	5538	5544N	16836W	20.4	150.5	GGGG			85	21
2397-21360	00000/0000	2-10016/0257	02/23/76	50	5538	5420N	16923W	21.4	149.5	GGGG			85	22
2397-21365	00000/0000	2-10016/0258	02/23/76	20	5538	5132N	17051W	23.4	147.6	GGGG			85	24
2398-14504	00000/0000	2-10016/0304	02/24/76	70	5548	4718N	07057W	26.5	144.8	GGGG			14	27
2398-14511	00000/0000	2-10016/0305	02/24/76	90	5548	4553N	07132W	27.5	143.9	GGGG			14	28
2398-14513	00000/0000	2-10016/0306	02/24/76	80	5548	4428N	07206W	28.5	143.0	GGGG			14	29
2398-14520	00000/0000	2-10016/0307	02/24/76	70	5548	4303N	07282W	29.4	142.1	GGGG			14	30
2398-14522	00000/0000	2-10016/0308	02/24/76	30	5548	4138N	07309W	30.3	141.2	GGGG			14	31
2398-14525	00000/0000	2-10016/0309	02/24/76	10	5548	4013N	07339W	31.2	140.2	FGGG			14	32
2398-14531	00000/0000	2-10016/0310	02/24/76	0	5548	3848N	07408W	32.1	139.3	FGGG			14	33
2398-14534	00000/0000	2-10016/0311	02/24/76	0	5548	3723N	07436W	33.0	138.3	GGGG			14	34
2398-14540	00000/0000	2-10016/0312	02/24/76	0	5548	3557N	07504W	33.9	137.4	GGGG			14	35
2398-14543	00000/0000	2-10016/0313	02/24/76	10	5548	3432N	07530W	34.7	136.4	GGGG			14	36
2398-14545	00000/0000	2-10016/0314	02/24/76	30	5548	3306N	07556W	35.5	135.3	GGGG			14	37
2398-14552	00000/0000	2-10016/0315	02/24/76	50	5548	3141N	07621W	36.4	134.3	GGGG			14	38
2398-14554	00000/0000	2-10016/0316	02/24/76	70	5548	3015N	07646W	37.2	133.2	GGGG			14	39
2398-14561	00000/0000	2-10016/0317	02/24/76	70	5548	2849N	07711W	37.9	132.1	GGGG			14	40
2398-16333	00000/0000	2-10016/0327	02/24/76	10	5549	4844N	09609W	25.6	145.7	GGGG			32	26
2398-16340	00000/0000	2-10016/0328	02/24/76	0	5549	4719N	09644W	26.6	144.8	GGGG			32	27
2398-16342	00000/0000	2-10016/0329	02/24/76	10	5549	4555N	09719W	27.5	143.9	GGGG			32	28
2398-16345	00000/0000	2-10016/0330	02/24/76	0	5549	4430N	09753W	28.5	143.0	GGGG			32	29
2398-16351	00000/0000	2-10016/0331	02/24/76	0	5549	4304N	09826W	29.4	142.1	FGGG			32	30
2398-16354	00000/0000	2-10016/0332	02/24/76	0	5549	4139N	09857W	30.3	141.2	FGGG			32	31
2398-16360	00000/0000	2-10016/0333	02/24/76	20	5549	4014N	09927W	31.2	140.2	GGGG			32	32
2398-16363	00000/0000	2-10016/0334	02/24/76	30	5549	3849N	09956W	32.1	139.3	GGGG			32	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0038

OBSERVATION ID	MICROFILM RBL NR./ POSITION IN RBL RBV	MSS	DATE ACQUIRED	CLBUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBL NUMBER
2398-16365	00000/0000	2-10016/0335	02/24/76	10	5549	3723N	10024W	33.0	138.3	FG G		32	34
2398-16374	00000/0000	2-10016/0336	02/24/76	100	5549	3432N	10118W	34.7	136.3	GGGG		32	36
2398-16381	00000/0000	2-10016/0337	02/24/76	90	5549	3306N	10144W	35.6	135.3	GGGG		32	37
2398-16383	00000/0000	2-10016/0338	02/24/76	80	5549	3140N	10209W	36.4	134.3	GGFG		32	38
2398-16390	00000/0000	2-10016/0339	02/24/76	30	5549	3015N	10234W	37.2	133.2	GFGG		32	39
2398-16392	00000/0000	2-10016/0340	02/24/76	10	5549	2849N	10258W	38.0	132.1	FGGG		32	40
2398-16395	00000/0000	2-10016/0341	02/24/76	10	5549	2723N	10322W	38.7	131.0	GGGG		32	41
2398-18162	00000/0000	2-10016/0342	02/24/76	90	5550	5008N	12120W	24.7	146.6	FGGG		50	25
2398-18165	00000/0000	2-10016/0343	02/24/76	90	5550	4843N	12159W	25.6	145.7	GGFG		50	26
2398-18171	00000/0000	2-10016/0344	02/24/76	100	5550	4718N	12235W	26.6	144.8	GGFF		50	27
2398-18174	00000/0000	2-10016/0345	02/24/76	90	5550	4553N	12310W	27.6	143.9	GGFF		50	28
2398-18180	00000/0000	2-10016/0346	02/24/76	90	5550	4429N	12344W	28.6	143.0	GGFF		50	29
2398-18183	00000/0000	2-10016/0347	02/24/76	90	5550	4304N	12416W	29.4	142.1	GGFG		50	30
2398-18185	00000/0000	2-10016/0348	02/24/76	90	5550	4139N	12447W	30.4	141.2	FFFG		50	31
2398-18192	00000/0000	2-10016/0349	02/24/76	60	5550	4014N	12517W	31.3	140.2	GGFG		50	32
2398-21362	00000/0000	2-10016/0368	02/24/76	20	5552	7148N	15326W	8.2	167.6	FFFG		86	9
2398-21364	00000/0000	2-10016/0369	02/24/76	20	5552	7033N	15542W	9.3	168.3	FFFG		86	10
2398-21371	00000/0000	2-10016/0370	02/24/76	20	5552	6915N	15744W	10.4	163.3	GGGG		86	11
2398-21373	00000/0000	2-10016/0371	02/24/76	20	5552	6757N	15932W	11.4	161.5	GGGG		86	12
2398-21380	00000/0000	2-10016/0372	02/24/76	10	5552	6637N	16109W	12.5	159.9	GGGG		86	13
2398-21382	00000/0000	2-10016/0373	02/24/76	30	5552	6517N	16236W	13.5	158.4	GGGG		86	14
2398-21385	00000/0000	2-10016/0374	02/24/76	40	5552	6356N	16356W	14.6	157.1	GGGG		86	15
2398-21391	00000/0000	2-10016/0375	02/24/76	20	5552	6235N	16510W	15.6	155.8	GGGG		86	16
2398-21394	00000/0000	2-10016/0376	02/24/76	20	5552	6114N	16617W	16.6	154.6	GGGG		86	17
2398-21400	00000/0000	2-10016/0377	02/24/76	20	5552	5951N	16720W	17.7	153.5	GGGG		86	18
2398-21403	00000/0000	2-10016/0378	02/24/76	20	5552	5829N	16818W	18.7	152.4	GGGG		86	19
2398-21405	00000/0000	2-10016/0379	02/24/76	30	5552	5706N	16913W	19.7	151.4	GGGG		86	20
2398-21412	00000/0000	2-10016/0380	02/24/76	90	5552	5543N	17003W	20.7	150.4	GGGG		86	21
2398-21414	00000/0000	2-10016/0381	02/24/76	90	5552	5419N	17051W	21.7	149.4	GGGG		86	22
2398-21421	00000/0000	2-10016/0382	02/24/76	80	5552	5255N	17135W	22.7	148.5	GGGG		86	23
2398-21423	00000/0000	2-10016/0383	02/24/76	80	5552	5131N	17217W	23.7	147.5	GGGG		86	24
2399-14563	00000/0000	2-10016/0384	02/25/76	70	5562	4718N	07222W	26.9	144.7	GGGG		15	27
2399-14565	00000/0000	2-10016/0385	02/25/76	20	5562	4552N	07258W	27.9	143.8	GGGG		15	28
2399-14572	00000/0000	2-10016/0386	02/25/76	0	5562	4428N	07331W	28.8	142.9	GGGG		15	29
2399-14574	00000/0000	2-10016/0387	02/25/76	30	5562	4303N	07403W	29.7	141.9	GGGG		15	30
2399-14581	00000/0000	2-10016/0388	02/25/76	70	5562	4138N	07434W	30.7	141.0	GGGG		15	31

KEYS: CLBUD COVER % ..... 0 TO 100 = % CLBUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29. APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0039

OBSERVATION ID	MICROFILM ROLL NR. POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER	
2399-14583	00000/0000 2-10016/0389	02/25/76	60	5562	4012N	07504W	31.6	140.0	GGGG	15	32
2399-14590	00000/0000 2-10016/0390	02/25/76	10	5562	3847N	07533W	32.5	139.1	GGGG	15	33
2399-14592	00000/0000 2-10016/0391	02/25/76	10	5562	3721N	07601W	33.3	138.1	GGGG	15	34
2399-14595	00000/0000 2-10016/0392	02/25/76	0	5562	3556N	07629W	34.2	137.1	GGGG	15	35
2399-15001	00000/0000 2-10016/0393	02/25/76	10	5562	3430N	07655W	35.0	136.1	GGGG	15	36
2399-15004	00000/0000 2-10016/0394	02/25/76	50	5562	3305N	07721W	35.9	135.1	GGGG	15	37
2399-15010	00000/0000 2-10016/0395	02/25/76	80	5562	3179N	07747W	36.7	134.0	GGGG	15	38
2399-15013	00000/0000 2-10016/0396	02/25/76	80	5562	3014N	07812W	37.5	132.9	GGGG	15	39
2399-15022	00000/0000 2-10016/0397	02/25/76	100	5562	2722N	07900W	39.0	130.7	GGGG	15	41
2399-15024	00000/0000 2-10016/0398	02/25/76	90	5562	2556N	07923W	39.7	129.5	GGGG	15	42
2399-15031	00000/0000 2-10016/0399	02/25/76	90	5562	2429N	07945W	40.4	128.3	GGGG	15	43
2399-16394	00000/0000 2-10016/0350	02/25/76	0	5563	4717N	09812W	26.9	144.7	GGFG	33	27
2399-16401	00000/0000 2-10016/0351	02/25/76	10	5563	4552N	09847W	27.9	143.8	GGFG	33	28
2399-16403	00000/0000 2-10016/0352	02/25/76	10	5563	4427N	09921W	28.8	142.8	FFFF	33	29
2399-16410	00000/0000 2-10016/0353	02/25/76	0	5563	4302N	09953W	29.8	141.9	FGFF	33	30
2399-16412	00000/0000 2-10016/0354	02/25/76	0	5563	4137N	10024W	30.7	141.0	GGGF	33	31
2399-16415	00000/0000 2-10016/0355	02/25/76	0	5563	4012N	10054W	31.6	140.0	GGFG	33	32
2399-16421	00000/0000 2-10016/0356	02/25/76	0	5563	3847N	10123W	32.5	139.1	GGFF	33	33
2399-16424	00000/0000 2-10016/0357	02/25/76	0	5563	3721N	10151W	33.4	138.1	GGFG	33	34
2399-16430	00000/0000 2-10016/0358	02/25/76	0	5563	3556N	10219W	34.2	137.1	FGFG	33	35
2399-16433	00000/0000 2-10016/0359	02/25/76	0	5563	3430N	10245W	35.1	136.1	FGGG	33	36
2399-16435	00000/0000 2-10016/0360	02/25/76	0	5563	3304N	10311W	35.9	135.1	GGGG	33	37
2399-16442	00000/0000 2-10016/0361	02/25/76	0	5563	3139N	10336W	36.7	134.0	FFFF	33	38
2399-16444	00000/0000 2-10016/0362	02/25/76	10	5563	3014N	10401W	37.5	132.9	GGGG	33	39
2399-16451	00000/0000 2-10016/0363	02/25/76	50	5563	2847N	10425W	38.3	131.8	FGFF	33	40
2399-16453	00000/0000 2-10016/0364	02/25/76	80	5563	2721N	10449W	39.0	130.7	FGFG	33	41
2399-18223	00000/0000 2-10016/0365	02/25/76	90	5564	4842N	12323W	26.0	145.6	FGGG	51	26
2399-18230	00000/0000 2-10016/0366	02/25/76	50	5564	4717N	12400W	27.0	144.7	GGFG	51	27
2399-18232	00000/0000 2-10016/0367	02/25/76	30	5564	4552N	12436W	27.9	143.7	FFGG	51	28
2399-21420	00000/0000 2-10016/0402	02/25/76	0	5566	7150N	15447W	8.6	167.5	FFFF	87	9
2399-21422	00000/0000 2-10016/0403	02/25/76	0	5566	7034N	15703W	9.6	165.3	FFFF	87	10
2399-21425	00000/0000 2-10016/0400	02/25/76	0	5566	6917N	15904W	10.7	163.3	F G	87	11
2399-21431	00000/0000 2-10016/0404	02/25/76	0	5566	6758N	16054W	11.8	161.5	GGGG	87	12
2399-21434	00000/0000 2-10016/0405	02/25/76	0	5566	6639N	16231W	12.8	159.9	FGGG	87	13
2399-21440	00000/0000 2-10016/0406	02/25/76	0	5566	6519N	16400W	13.9	158.4	GGGG	87	14
2399-21443	00000/0000 2-10016/0407	02/25/76	0	5566	6358N	16520W	14.9	157.1	GGGG	87	15

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0040

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2399-21445	00000/0000	2-10016/0408	02/25/76	0	5566	6237N	16634W	16.0	155.8	GFGG			87	16
2399-21452	00000/0000	2-10016/0409	02/25/76	0	5566	6115N	16741W	17.0	154.6	GG G			87	17
2399-21454	00000/0000	2-10016/0410	02/25/76	10	5566	5953N	16844W	18.0	153.4	GGGG			87	18
2399-21461	00000/0000	2-10016/0411	02/25/76	10	5566	5831N	16942W	19.0	152.4	GGGG			87	19
2399-21463	00000/0000	2-10016/0412	02/25/76	20	5566	5708N	17036W	20.1	151.3	GGGG			87	20
2399-21470	00000/0000	2-10016/0413	02/25/76	80	5566	5544N	17127W	21.1	150.3	GGGG			87	21
2399-21472	00000/0000	2-10016/0401	02/25/76	50	5566	5421N	17214W	22.1	149.3	F GG			87	22
2399-21475	00000/0000	2-10016/0414	02/25/76	80	5566	5257N	17259W	23.1	148.4	GG G			87	23
2399-21481	00000/0000	2-10016/0415	02/25/76	50	5566	5133N	17342W	24.1	147.4	GGGG			87	24
2400-15014	00000/0000	2-10016/0416	02/26/76	0	5576	4840N	07313W	25.3	145.5	GGGG			16	25
2400-15021	00000/0000	2-10016/0417	02/26/76	10	5576	4716N	07349W	27.3	144.5	GGGG			16	27
2400-15023	00000/0000	2-10016/0418	02/26/76	80	5576	4551N	07424W	28.2	143.6	GGGG			16	28
2400-15030	00000/0000	2-10016/0419	02/26/76	90	5576	4426N	07458W	29.2	142.7	GGGG			16	29
2400-15032	00000/0000	2-10016/0420	02/26/76	90	5576	4301N	07530W	30.1	141.7	GGGG			16	30
2400-15041	00000/0000	2-10016/0421	02/26/76	30	5576	4011N	07631W	31.9	139.8	GGGG			16	32
2400-15044	00000/0000	2-10016/0422	02/26/76	80	5576	3845N	07700W	32.8	138.9	GGGG			16	33
2400-15050	00000/0000	2-10016/0423	02/26/76	60	5576	3720N	07728W	33.7	137.9	GGGG			16	34
2400-15053	00000/0000	2-10016/0424	02/26/76	50	5576	3555N	07755W	34.5	136.9	GGGG			16	35
2400-15055	00000/0000	2-10016/0425	02/26/76	30	5576	3429N	07822W	35.4	135.9	GFGG			16	36
2400-15062	00000/0000	2-10016/0426	02/26/76	30	5576	3303N	07848W	36.2	134.8	GGGG			16	37
2400-15064	00000/0000	2-10016/0427	02/26/76	70	5576	3138N	07913W	37.0	133.7	GGGG			16	38
2400-15071	00000/0000	2-10016/0428	02/26/76	90	5576	3011N	07938W	37.8	132.6	GGGG			16	39
2400-15073	00000/0000	2-10016/0429	02/26/76	80	5576	2846N	08002W	38.6	131.5	GGGG			16	40
2400-15080	00000/0000	2-10016/0430	02/26/76	80	5576	2720N	08026W	39.3	130.4	GGGG			16	41
2400-15082	00000/0000	2-10016/0431	02/26/76	70	5576	2554N	08049W	40.0	129.2	GFGG			16	42
2400-15085	00000/0000	2-10016/0432	02/26/76	40	5576	2428N	08112W	40.7	128.0	GFGG			16	43
2400-16450	00000/0000	2-10016/0466	02/26/76	70	5577	4841N	09901W	26.4	145.5	GGGG			34	26
2400-16452	00000/0000	2-10016/0467	02/26/76	80	5577	4716N	09938W	27.3	144.5	FGGG			34	27
2400-16455	00000/0000	2-10016/0468	02/26/76	50	5577	4551N	10013W	28.3	143.6	FGGG			34	28
2400-16461	00000/0000	2-10016/0469	02/26/76	10	5577	4427N	10046W	29.2	142.7	GGGG			34	29
2400-16464	00000/0000	2-10016/0470	02/26/76	40	5577	4302N	10113W	30.1	141.7	GGGG			34	30
2400-16470	00000/0000	2-10016/0471	02/26/76	80	5577	4136N	10149W	31.0	140.8	GGGG			34	31
2400-16473	00000/0000	2-10016/0472	02/26/76	30	5577	4011N	10219W	31.9	139.8	GGGG			34	32
2400-16475	00000/0000	2-10016/0473	02/26/76	80	5577	3846N	10248W	32.8	138.9	GGGG			34	33
2400-16484	00000/0000	2-10016/0474	02/26/76	40	5577	3555N	10344W	34.6	136.9	GGGG			34	35
2400-16491	00000/0000	2-10016/0475	02/26/76	0	5577	3429N	10411W	35.4	135.8	GGGG			34	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0041

OBSERVATION ID	MICROFILM REL. NO. POSITION IN REL RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2400-16493	00000/0000 2-10016/0476	02/26/76	0	5577	3373N	10437W	36.2	134.8	GGGG			34	37
2400-16500	00000/0000 2-10016/0477	02/26/76	0	5577	3197N	10502W	37.0	133.7	GGGG			34	38
2400-16502	00000/0000 2-10016/0478	02/26/76	0	5577	3012N	10526W	37.8	132.6	GGGG			34	39
2400-16503	00000/0000 2-10016/0479	02/26/76	0	5577	2846N	10550W	38.6	131.5	GGGG			34	40
2400-18281	00000/0000 2-10016/0480	02/26/76	90	5578	4844N	12449W	26.3	145.5	GGGG			52	26
2400-18284	00000/0000 2-10016/0481	02/26/76	70	5578	4720N	12525W	27.3	144.6	GGGG			52	27
2400-18290	00000/0000 2-10016/0482	02/26/76	30	5578	4555N	12601W	28.3	143.6	GGGG			52	28
2400-21474	00000/0000 2-10016/0450	02/26/76	50	5580	7148N	15620W	9.0	167.5	GGGG			88	9
2400-21481	00000/0000 2-10016/0451	02/26/76	50	5580	7033N	15834W	10.0	165.3	FGGG			88	10
2400-21483	00000/0000 2-10016/0452	02/26/76	60	5580	6916N	16035W	11.1	163.3	GGGG			88	11
2400-21490	00000/0000 2-10016/0453	02/26/76	20	5580	6757N	16224W	12.2	161.5	GGGG			88	12
2400-21492	00000/0000 2-10016/0454	02/26/76	10	5580	6638N	16401W	13.2	159.9	GGGG			88	13
2400-21495	00000/0000 2-10016/0455	02/26/76	0	5580	6518N	16529W	14.3	158.4	FGGG			88	14
2400-21501	00000/0000 2-10016/0456	02/26/76	0	5580	6357N	16649W	15.3	157.0	GGGG			88	15
2400-21504	00000/0000 2-10016/0457	02/26/76	0	5580	6236N	16802W	16.3	155.7	GGGG			88	16
2400-21510	00000/0000 2-10016/0458	02/26/76	0	5580	6114N	16910W	17.4	154.5	GGGG			88	17
2400-21513	00000/0000 2-10016/0459	02/26/76	0	5580	5952N	17012W	18.4	153.4	GGGG			88	18
2400-21515	00000/0000 2-10016/0460	02/26/76	0	5580	5829N	17110W	19.4	152.3	GGGG			88	19
2400-21522	00000/0000 2-10016/0461	02/26/76	30	5580	5706N	17203W	20.5	151.2	GGGG			88	20
2400-21524	00000/0000 2-10016/0462	02/26/76	90	5580	5542N	17253W	21.5	150.2	GGGG			88	21
2400-21531	00000/0000 2-10016/0463	02/26/76	100	5580	5419N	17341W	22.5	149.2	GGGG			88	22
2400-21533	00000/0000 2-10016/0464	02/26/76	90	5580	5255N	17425W	23.5	148.3	GGGG			88	23
2400-21540	00000/0000 2-10016/0465	02/26/76	100	5580	5131N	17508W	24.5	147.3	GGGG			88	24
2401-15073	00000/0000 2-10016/0483	02/27/76	70	5590	4842N	07438W	26.7	145.4	FGFG			17	26
2401-15075	00000/0000 2-10016/0484	02/27/76	60	5590	4717N	07515W	27.6	144.4	GGFG			17	27
2401-15082	00000/0000 2-10016/0485	02/27/76	60	5590	4552N	07550W	28.6	143.5	FFFG			17	28
2401-15084	00000/0000 2-10016/0486	02/27/76	40	5590	4427N	07624W	29.5	142.5	FGGG			17	29
2401-15091	00000/0000 2-10016/0487	02/27/76	10	5590	4302N	07656W	30.4	141.6	GGGG			17	30
2401-15093	00000/0000 2-10016/0488	02/27/76	10	5590	4137N	07727W	31.4	140.6	FGGG			17	31
2401-15100	00000/0000 2-10016/0489	02/27/76	10	5590	4012N	07757W	32.2	139.7	GGGG			17	32
2401-15102	00000/0000 2-10016/0490	02/27/76	10	5590	3847N	07826W	33.1	138.7	GGGG			17	33
2401-15105	00000/0000 2-10016/0491	02/27/76	0	5590	3721N	07854W	34.0	137.7	GGGG			17	34
2401-15111	00000/0000 2-10016/0492	02/27/76	20	5590	3556N	07922W	34.9	136.7	GGGG			17	35
2401-15114	00000/0000 2-10016/0493	02/27/76	10	5590	3430N	07949W	35.7	135.6	GGGF			17	36
2401-15123	00000/0000 2-10016/0494	02/27/76	0	5590	3139N	08040W	37.3	133.5	GFGF			17	38
2401-15125	00000/0000 2-10016/0495	02/27/76	0	5590	3012N	08105W	38.1	132.4	GFFF			17	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0042

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER PERCENT	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2401-15132	00000/0000 2-10016/0496	02/27/76	10	5590	2846N	08129W	38.9	131.3	GGFG			17	40
2401-15134	00000/0000 2-10016/0497	02/27/76	20	5590	2721N	08153W	39.6	130.1	FGFG			17	41
2401-15141	00000/0000 2-10016/0498	02/27/76	90	5590	2555N	08216W	40.3	128.9	GGFG			17	42
2401-15143	00000/0000 2-10016/0499	02/27/76	80	5590	2428N	08239W	41.0	127.7	GGFG			17	43
2401-16504	00000/0000 2-10016/0500	02/27/76	60	5591	4842N	10027W	26.7	145.4	GGFG			35	26
2401-16511	00000/0000 2-10016/0501	02/27/76	20	5591	4717N	10104W	27.7	144.4	GGFF			35	27
2401-16513	00000/0000 2-10016/0502	02/27/76	50	5591	4552N	10139W	28.6	143.5	GGFG			35	28
2401-16520	00000/0000 2-10016/0503	02/27/76	90	5591	4428N	10213W	29.5	142.5	GGFF			35	29
2401-16522	00000/0000 2-10016/0504	02/27/76	70	5591	4303N	10245W	30.5	141.6	GGGG			35	30
2401-16525	00000/0000 2-10016/0505	02/27/76	100	5591	4138N	10316W	31.4	140.6	GGGG			35	31
2401-16531	00000/0000 2-10016/0506	02/27/76	100	5591	4013N	10346W	32.3	139.7	GGGG			35	32
2401-16534	00000/0000 2-10016/0507	02/27/76	90	5591	3847N	10414W	33.2	138.7	GGGG			35	33
2401-16540	00000/0000 2-10016/0508	02/27/76	70	5591	3722N	10441W	34.0	137.7	GGGG			35	34
2401-18333	00000/0000 2-10016/0509	02/27/76	90	5592	5007N	12538W	25.8	146.3	GGFG			53	25
2401-18340	00000/0000 2-10016/0510	02/27/76	90	5592	4843N	12616W	26.7	145.3	GGGG			53	26
2401-21532	00000/0000 2-10016/0511	02/27/76	50	5594	7147N	15748W	9.4	167.4	FGGG			89	9
2401-21535	00000/0000 2-10016/0512	02/27/76	50	5594	7031N	16004W	10.4	165.2	GGGG			89	10
2401-21541	00000/0000 2-10016/0513	02/27/76	70	5594	6914N	16204W	11.5	163.2	GGGF			89	11
2401-21544	00000/0000 2-10016/0514	02/27/76	10	5594	6756N	16352W	12.6	161.5	GGGG			89	12
2401-21550	00000/0000 2-10016/0515	02/27/76	10	5594	6637N	16529W	13.6	159.8	GGGG			89	13
2401-21553	00000/0000 2-10016/0516	02/27/76	10	5594	6516N	16657W	14.7	158.3	GGGG			89	14
2401-21555	00000/0000 2-10016/0517	02/27/76	0	5594	6356N	16817W	15.7	156.9	GGGG			89	15
2401-21562	00000/0000 2-10016/0518	02/27/76	0	5594	6234N	16930W	16.7	155.7	GGGG			89	16
2401-21564	00000/0000 2-10016/0519	02/27/76	0	5594	6112N	17037W	17.8	154.4	GGGF			89	17
2401-21571	00000/0000 2-10016/0520	02/27/76	0	5594	5950N	17139W	18.8	153.3	GGGF			89	18
2401-21573	00000/0000 2-10016/0521	02/27/76	0	5594	5827N	17236W	19.8	152.2	GGGG			89	19
2401-21580	00000/0000 2-10016/0522	02/27/76	40	5594	5704N	17330W	20.8	151.1	GGGG			89	20
2401-21582	00000/0000 2-10016/0523	02/27/76	90	5594	5541N	17421W	21.9	150.1	GGGG			89	21
2401-21585	00000/0000 2-10016/0524	02/27/76	100	5594	5417N	17508W	22.9	149.1	GGGF			89	22
2401-21591	00000/0000 2-10016/0525	02/27/76	80	5594	5254N	17553W	23.9	148.2	GGGG			89	23
2401-21594	00000/0000 2-10016/0526	02/27/76	60	5594	5130N	17635W	24.8	147.2	GGGG			89	24
2402-15131	00000/0000 2-10016/0527	02/28/76	0	5604	4840N	07605W	27.1	145.2	GGGG			18	26
2402-15133	00000/0000 2-10016/0528	02/28/76	0	5604	4716N	07642W	28.0	144.3	GGGF			18	27
2402-15140	00000/0000 2-10016/0529	02/28/76	10	5604	4551N	07717W	29.0	143.3	GGGG			18	28
2402-15142	00000/0000 2-10016/0530	02/28/76	40	5604	4425N	07751W	29.9	142.4	GGGG			18	29
2402-15145	00000/0000 2-10016/0531	02/28/76	90	5604	4300N	07824W	30.8	141.4	GGGG			18	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0043

OBSERVATION ID	MICROFILM RBV	ROLL NR./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME RAW NUMBER
2402-15151	00000/0000	2-10016/0532	02/28/76	80	5604	4135N	07855W	31.7	140.5	GGFG			18	31
2402-15154	00000/0000	2-10016/0533	02/28/76	30	5604	4010N	07925W	32.6	139.5	GGGF			18	32
2402-15160	00000/0000	2-10016/0534	02/28/76	40	5604	3844N	07953W	33.5	138.5	FGGG			18	33
2402-15163	00000/0000	2-10016/0535	02/28/76	30	5604	3719N	08021W	34.4	137.5	FGFG			18	34
2402-15165	00000/0000	2-10016/0536	02/28/76	10	5604	3554N	08048W	35.2	136.4	GGGG			18	35
2402-15172	00000/0000	2-10016/0537	02/28/76	10	5604	3428N	08114W	36.0	135.4	GGGG			18	36
2402-15174	00000/0000	2-10016/0538	02/28/76	0	5604	3302N	08140W	36.9	134.3	GGGG			18	37
2402-15181	00000/0000	2-10016/0539	02/28/76	0	5604	3136N	08205W	37.6	133.2	GGGG			18	38
2402-15183	00000/0000	2-10016/0540	02/28/76	0	5604	3011N	08230W	38.4	132.1	FGGG			18	39
2402-15190	00000/0000	2-10016/0541	02/28/76	10	5604	2845N	08254W	39.2	130.9	FFGG			18	40
2402-15192	00000/0000	2-10016/0542	02/28/76	10	5604	2719N	08318W	39.9	129.8	GFGG	H		18	41
2402-15195	00000/0000	2-10016/0543	02/28/76	10	5604	2553N	08341W	40.6	128.6	GGGG	H		18	42
2402-15201	00000/0000	2-10016/0544	02/28/76	60	5604	2426N	08403W	41.3	127.3	FGGG	H		18	43
2402-16562	00000/0000	2-10016/0545	02/28/76	100	5605	4840N	10155W	27.1	145.2	FFGG			36	26
2402-16565	00000/0000	2-10016/0546	02/28/76	100	5605	4715N	10232W	28.0	144.3	GGFG			36	27
2402-16571	00000/0000	2-10016/0547	02/28/76	70	5605	4551N	10306W	29.0	143.3	GGGG			36	28
2402-16574	00000/0000	2-10016/0548	02/28/76	20	5605	4426N	10339W	29.9	142.4	FGGG			36	29
2402-16580	00000/0000	2-10016/0549	02/28/76	70	5605	4301N	10411W	30.8	141.4	GGGG			36	30
2402-16583	00000/0000	2-10016/0550	02/28/76	70	5605	4136N	10442W	31.7	140.4	GGFG			36	31
2402-16585	00000/0000	2-10016/0551	02/28/76	50	5605	4011N	10512W	32.6	139.5	GGGG			36	32
2402-16592	00000/0000	2-10016/0552	02/28/76	10	5605	3846N	10541W	33.5	138.5	GFGG			36	33
2402-16594	00000/0000	2-10016/0553	02/28/76	0	5605	3720N	10609W	34.4	137.5	GGGG			36	34
2402-17001	00000/0000	2-10016/0554	02/28/76	0	5605	3555N	10636W	35.2	136.4	GGGG			36	35
2402-17003	00000/0000	2-10016/0555	02/28/76	0	5605	3429N	10703W	36.1	135.4	GGGG			36	36
2402-17010	00000/0000	2-10016/0556	02/28/76	10	5605	3304N	10728W	36.9	134.3	GGFG			36	37
2402-17012	00000/0000	2-10016/0557	02/28/76	10	5605	3138N	10754W	37.7	133.2	GGGG			36	38
2402-17015	00000/0000	2-10016/0558	02/28/76	10	5605	3012N	10819W	38.4	132.1	GGGF			36	39
2402-17021	00000/0000	2-10016/0559	02/28/76	10	5605	2846N	10843W	39.2	130.9	GGGG			36	40
2402-20191	00000/0000	2-10016/0085	02/28/76	0	5607	6115N	14613W	18.1	154.4	GGGG			72	17
2402-20194	00000/0000	2-10016/0086	02/28/76	10	5607	5953N	14714W	19.1	153.3	GGGG			72	18
2402-20200	00000/0000	2-10016/0087	02/28/76	10	5607	5830N	14812W	20.2	152.2	GGGG			72	19
2402-20203	00000/0000	2-10016/0088	02/28/76	10	5607	5707N	14906W	21.2	151.1	GGGG			72	20
2402-21593	00000/0000	2-10016/0089	02/28/76	30	5608	7033N	16128W	10.8	165.3	FGGG			90	10
2402-22000	00000/0000	2-10016/0084	02/28/76	70	5608	6916N	16330W	11.9	163.3	G GG			90	11
2402-22002	00000/0000	2-10016/0090	02/28/76	60	5608	6758N	16518W	12.9	161.5	GGGG			90	12
2402-22005	00000/0000	2-10016/0091	02/28/76	10	5608	6638N	16654W	14.0	159.8	GGGG			90	13

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01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0044

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME ROW NUMBER
2402-22011	00000/0000	2-10016/0092	02/28/76	0	5608	6518N 16821W	15.0	158.3	GGGG			90	14
2402-22014	00000/0000	2-10016/0093	02/28/76	0	5608	6347N 16940W	16.1	156.9	GGGG			90	15
2402-22020	00000/0000	2-10016/0094	02/28/76	20	5608	6236N 17052W	17.1	155.6	GGGG			90	16
2402-22023	00000/0000	2-10016/0095	02/28/76	30	5608	6114N 17159W	18.1	154.4	GGGF			90	17
2402-22025	00000/0000	2-10016/0096	02/28/76	10	5608	5942N 17301W	19.2	153.3	GGGG			90	18
2402-22032	00000/0000	2-10016/0097	02/28/76	10	5608	5829N 17359W	20.2	152.2	GGG			90	19
2402-22034	00000/0000	2-10016/0098	02/28/76	40	5608	5706N 17453W	21.2	151.1	GGG			90	20
2402-22041	00000/0000	2-10016/0099	02/28/76	20	5608	5543N 17544W	22.2	150.1	GGGG			90	21
2402-22043	00000/0000	2-10016/0100	02/28/76	30	5608	5419N 17632W	23.2	149.1	FGGG			90	22
2402-22050	00000/0000	2-10016/0101	02/28/76	40	5608	5255N 17717W	24.2	148.1	GGGG			90	23
2402-22052	00000/0000	2-10016/0102	02/28/76	60	5608	5131N 17800W	25.2	147.1	GGGG			90	24
2403-15192	00000/0000	2-10016/0560	02/29/76	100	5618	4717N 07808W	28.4	144.2	GGFG			19	27
2403-15194	00000/0000	2-10016/0561	02/29/76	100	5618	4552N 07842W	29.3	143.2	GGFG			19	28
2403-15201	00000/0000	2-10016/0562	02/29/76	90	5618	4427N 07916W	30.2	142.2	GGFG			19	29
2403-15203	00000/0000	2-10016/0563	02/29/76	100	5618	4302N 07948W	31.1	141.3	GGFG			19	30
2403-15210	00000/0000	2-10016/0564	02/29/76	70	5618	4137N 08019W	32.1	140.3	GGFG			19	31
2403-15212	00000/0000	2-10016/0565	02/29/76	10	5618	4012N 08049W	32.9	139.3	GGGG			19	32
2403-15215	00000/0000	2-10016/0566	02/29/76	10	5618	3846N 08118W	33.8	138.3	GGGG			19	33
2403-15221	00000/0000	2-10016/0567	02/29/76	0	5618	3721N 08146W	34.7	137.3	GGGG			19	34
2403-15224	00000/0000	2-10016/0568	02/29/76	0	5618	3555N 08213W	35.5	136.2	GGGG			19	35
2403-15230	00000/0000	2-10016/0569	02/29/76	0	5618	3430N 08240W	36.4	135.2	GGGG			19	36
2403-15233	00000/0000	2-10016/0570	02/29/76	0	5618	3305N 08306W	37.2	134.1	GGGG			19	37
2403-15235	00000/0000	2-10016/0571	02/29/76	10	5618	3139N 08331W	38.0	133.0	GGGG			19	38
2403-15242	00000/0000	2-10016/0572	02/29/76	10	5618	3013N 08356W	38.7	131.8	GGGG			19	39
2403-15244	00000/0000	2-10016/0573	02/29/76	30	5618	2848N 08420W	39.5	130.7	FGGG			19	40
2403-17014	00000/0000	2-10016/0575	02/29/76	60	5619	5007N 10240W	26.5	146.1	GGGG			37	25
2403-17021	00000/0000	2-10016/0576	02/29/76	30	5619	4842N 10319W	27.4	145.1	GGGG			37	26
2403-17023	00000/0000	2-10016/0577	02/29/76	50	5619	4718N 10356W	28.4	144.2	GGGF			37	27
2403-17030	00000/0000	2-10016/0578	02/29/76	90	5619	4553N 10431W	29.3	143.2	GGFG			37	28
2403-17032	00000/0000	2-10016/0579	02/29/76	100	5619	4428N 10504W	30.3	142.2	GGGG			37	29
2403-17035	00000/0000	2-10016/0574	02/29/76	10	5619	4303N 10536W	31.2	141.3	GGG			37	30
2403-17041	00000/0000	2-10016/0588	02/29/76	10	5619	4138N 10607W	32.1	140.3	GG			37	31
2403-17044	00000/0000	2-10016/0580	02/29/76	30	5619	4012N 10638W	33.0	139.3	FGG			37	32
2403-17050	00000/0000	2-10016/0581	02/29/76	10	5619	3847N 10707W	33.8	138.3	GGGG			37	33
2403-17053	00000/0000	2-10016/0582	02/29/76	10	5619	3721N 10735W	34.7	137.3	GGGG			37	34
2403-17055	00000/0000	2-10016/0583	02/29/76	0	5619	3556N 10802W	35.6	136.2	GGGG			37	35

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01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0045

OBSERVATION ID	MICROFILM POSITION R&V	ROLL NO./ IN R&V MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2403-17062	00000/0000	2-10016/0584	02/29/76	10	5619	3430N	10829W	36.4	135.2	GGGG		37	36
2403-17064	00000/0000	2-10016/0585	02/29/76	10	5619	3305N	10855W	37.2	134.1	GGGG		37	37
2403-17071	00000/0000	2-10016/0586	02/29/76	0	5619	3139N	10920W	38.0	133.0	GGGG		37	38
2403-17073	00000/0000	2-10016/0587	02/29/76	0	5619	3013N	10946W	38.7	131.8	GGGG		37	39
2403-20222	00000/0000	2-10016/0589	02/29/76	0	5621	6915N	13913W	12.2	163.2	G GG		73	11
2403-20231	00000/0000	2-10016/0595	02/29/76	0	5621	6637N	14236W	14.3	159.8	GGGG		73	13
2403-20234	00000/0000	2-10016/0590	02/29/76	0	5621	6517N	14403W	15.4	158.3	G GG		73	14
2403-20240	00000/0000	2-10016/0596	02/29/76	0	5621	6356N	14521W	16.4	156.9	G		73	15
2403-20243	00000/0000	2-10016/0597	02/29/76	0	5621	6235N	14633W	17.5	155.6	GG G		73	16
2403-20252	00000/0000	2-10016/0598	02/29/76	0	5621	5951N	14842W	19.5	153.2	GGGG		73	18
2403-20254	00000/0000	2-10016/0599	02/29/76	0	5621	5828N	14940W	20.6	152.1	G G		73	19
2403-22054	00000/0000	2-10016/0600	02/29/76	10	5622	6915N	16459W	12.3	163.2	GGGG		91	11
2403-22060	00000/0000	2-10016/0606	02/29/76	10	5622	6756N	16647W	13.3	161.4	G G		91	12
2403-22063	00000/0000	2-10016/0591	02/29/76	20	5622	6637N	16824W	14.4	159.8	G G		91	13
2403-22065	00000/0000	2-10016/0607	02/29/76	60	5622	6517N	16950W	15.4	158.3	G		91	14
2403-22074	00000/0000	2-10016/0601	02/29/76	60	5622	6235N	17221W	17.5	155.6	GGGG		91	16
2403-22081	00000/0000	2-10016/0592	02/29/76	10	5622	6113N	17328W	18.5	154.4	F G		91	17
2403-22083	00000/0000	2-10016/0602	02/29/76	30	5622	5951N	17430W	19.6	153.2	GG		91	18
2403-22090	00000/0000	2-10016/0603	02/29/76	50	5622	5827N	17527W	20.6	152.1	G G		91	19
2403-22092	00000/0000	2-10016/0593	02/29/76	90	5622	5705N	17620W	21.6	151.0	G GG		91	20
2403-22095	00000/0000	2-10016/0594	02/29/76	90	5622	5542N	17710W	22.6	150.0	G GG		91	21
2403-22104	00000/0000	2-10016/0604	02/29/76	100	5622	5254N	17843W	24.6	148.0	G		91	23
2403-22110	00000/0000	2-10016/0605	02/29/76	100	5622	5130N	17926W	25.6	147.0	GGGG		91	24
2404-15243	00000/0000	2-10016/0608	03/01/76	10	5632	4827N	07857W	27.8	144.9	GGF GGGG		20	26
2404-15250	00000/0000	2-10016/0609	03/01/76	10	5632	4713N	07933W	28.8	144.0	FFF GGGG		20	27
2404-15252	00000/0000	2-10016/0610	03/01/76	30	5632	4548N	08008W	29.7	143.0	GGGG		20	28
2404-15255	00000/0000	00000/0000	03/01/76	30	5632	4423N	08041W	30.6	142.0	FFF		20	29
2404-15261	00000/0000	00000/0000	03/01/76	80	5632	4258N	08113W	31.6	141.1	FFF		20	30
2404-15264	00000/0000	00000/0000	03/01/76	90	5632	4133N	08144W	32.5	140.1	FF		20	31
2404-15270	00000/0000	2-10016/0611	03/01/76	50	5632	4007N	08214W	33.3	139.1	GGG GGGG		20	32
2404-15273	00000/0000	2-10016/0612	03/01/76	50	5632	3842N	08243W	34.2	138.0	GGG GGGG		20	33
2404-15275	00000/0000	2-10016/0613	03/01/76	40	5632	3717N	08311W	35.1	137.0	GGG GGGG		20	34
2404-15282	00000/0000	2-10016/0614	03/01/76	40	5632	3551N	08338W	35.9	136.0	GGG GGGG		20	35
2404-15284	00000/0000	2-10016/0615	03/01/76	60	5632	3426N	08405W	36.7	134.9	GGG GGGG		20	36
2404-15291	00000/0000	2-10016/0616	03/01/76	50	5632	3300N	08431W	37.5	133.8	GGG GGGG		20	37
2404-15293	00000/0000	2-10016/0617	03/01/76	0	5632	3133N	08457W	38.3	132.6	GGG GGGG		20	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
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FROM 01/22/76 TO 01/22/77

PAGE 0046

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2404-15300	00000/0000	2-10016/0618	03/01/76	30	5632	3007N	08522W	39.1	131.5	FFG	GGGG		20	39
2404-15302	00000/0000	2-10016/0619	03/01/76	60	5632	2842N	08546W	39.8	130.3		GGGG		20	40
2404-17073	00000/0000	2-10016/0644	03/01/76	100	5633	5002N	10410W	26.9	145.9		GGGG		38	25
2404-17075	00000/0000	2-10016/0645	03/01/76	100	5633	4838N	10447W	27.8	144.9	GGG	FGGG		38	26
2404-17082	00000/0000	2-10016/0646	03/01/76	100	5633	4713N	10523W	28.8	144.0	GP	PGGG		38	27
2404-17084	00000/0000	2-10016/0647	03/01/76	100	5633	4549N	10558W	29.7	143.0	GGG	FFGG		38	28
2404-17091	00000/0000	2-10016/0648	03/01/76	90	5633	4424N	10631W	30.7	142.0	GGG	FPGG		38	29
2404-17093	00000/0000	2-10016/0649	03/01/76	30	5633	4259N	10703W	31.6	141.0	GGG	GGFF		38	30
2404-17100	00000/0000	2-10016/0650	03/01/76	50	5633	4134N	10733W	32.5	140.1	GGG	GGF		38	31
2404-17102	00000/0000	2-10016/0651	03/01/76	70	5633	4009N	10804W	33.4	139.1	GGG	FGFG		38	32
2404-17105	00000/0000	2-10016/0652	03/01/76	70	5633	3843N	10833W	34.2	138.0	GGG	GGGG		38	33
2404-17111	00000/0000	2-10016/0653	03/01/76	60	5633	3717N	10901W	35.1	137.0	GGG	GGGG		38	34
2404-17114	00000/0000	2-10016/0654	03/01/76	60	5633	3552N	10929W	35.9	135.9	GGG	GGGF		38	35
2404-17120	00000/0000	2-10016/0655	03/01/76	60	5633	3426N	10956W	36.8	134.9	GGG	GGG		38	36
2404-17123	00000/0000	2-10016/0656	03/01/76	70	5633	3300N	11022W	37.6	133.8	GGG	GGGF		38	37
2404-17125	00000/0000	2-10016/0657	03/01/76	30	5633	3134N	11048W	38.3	132.6	GGG	FGGG		38	38
2404-17132	00000/0000	2-10016/0658	03/01/76	10	5633	3008N	11113W	39.1	131.5	GGG	GGGG		38	39
2404-18490	2-10019/1493	00000/0000	03/01/76	10	5634	5537N	12705W	23.0	149.9	GGG			56	21
2404-18493	2-10019/1494	00000/0000	03/01/76	10	5634	5414N	12751W	24.0	148.8	GGG			56	22
2404-20283	00000/0000	2-10016/0621	03/01/76	90	5635	6758N	14221W	13.7	161.5		GGGG		74	12
2404-20290	00000/0000	2-10016/0622	03/01/76	90	5635	6639N	14359W	14.7	159.8		GGGG		74	13
2404-20292	00000/0000	2-10016/0623	03/01/76	90	5635	6519N	14526W	15.8	158.3		GGGG		74	14
2404-20295	00000/0000	2-10016/0624	03/01/76	80	5635	6358N	14646W	16.8	156.9		GGGG		74	15
2404-20301	00000/0000	2-10016/0625	03/01/76	70	5635	6237N	14759W	17.8	155.6		FGGG		74	16
2404-20304	00000/0000	2-10016/0626	03/01/76	70	5635	6115N	14906W	18.9	154.3		GGGG		74	17
2404-20310	00000/0000	2-10016/0627	03/01/76	80	5635	5952N	15008W	19.9	153.2		GGGG		74	18
2404-20313	00000/0000	2-10016/0628	03/01/76	100	5635	5829N	15106W	20.9	152.1		GGGG		74	19
2404-20315	00000/0000	2-10016/0629	03/01/76	90	5635	5706N	15200W	21.9	151.0		GGGG		74	20
2404-20322	00000/0000	2-10016/0630	03/01/76	90	5635	5543N	15250W	22.9	149.9		FFFF		74	21
2404-22112	00000/0000	2-10016/0631	03/01/76	30	5636	6916N	16625W	12.6	163.3		GGGF		92	11
2404-22115	00000/0000	2-10016/0632	03/01/76	10	5636	6758N	16812W	13.7	161.5		GGGG		92	12
2404-22121	00000/0000	2-10016/0633	03/01/76	10	5636	6638N	16949W	14.7	159.8		GGGG		92	13
2404-22124	00000/0000	2-10016/0620	03/01/76	40	5636	6518N	17116W	15.8	158.3		G GG		92	14
2404-22130	00000/0000	2-10016/0634	03/01/76	60	5636	6357N	17235W	16.8	156.9		GGGG		92	15
2404-22133	00000/0000	2-10016/0635	03/01/76	90	5636	6236N	17348W	17.9	155.6		GGGG		92	16
2404-22135	00000/0000	2-10016/0636	03/01/76	90	5636	6114N	17455W	18.9	154.3		GGGG		92	17

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0047

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLY	SUN AZIM.	IMAGE QUAL RBV MSS DATA	MSS MODE	MSS GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2404-22142	00000/0000	2-10016/0637	03/01/76	100	5636	5951N	17557W	19.9	153.2	FGGG			92	18
2404-22144	00000/0000	2-10016/0638	03/01/76	100	5636	5828N	17654W	21.0	152.0	GGGG			92	19
2404-22151	00000/0000	2-10016/0639	03/01/76	100	5636	5706N	17747W	22.0	151.0	GGGG			92	20
2404-22153	00000/0000	2-10016/0640	03/01/76	100	5636	5543N	17838W	23.0	149.9	GGGF			92	21
2404-22160	00000/0000	2-10016/0641	03/01/76	90	5636	5419N	17926W	24.0	148.9	GGGF			92	22
2404-22162	00000/0000	2-10016/0642	03/01/76	100	5636	5255N	17947E	25.0	147.9	GGGG			92	23
2404-22165	00000/0000	2-10016/0643	03/01/76	100	5636	5131N	17905E	25.9	146.9	GGGG			92	24
2405-15301	00000/0000	2-10016/0659	03/02/76	10	5647	4846N	08018W	28.1	144.9	GGG	GFPB		21	26
2405-15304	00000/0000	2-10016/0660	03/02/76	20	5647	4722N	08054W	29.0	143.9	GGG	PGPF		21	27
2405-15310	00000/0000	00000/0000	03/02/76	100	5647	4557N	08130W	30.0	143.0	GGG			21	28
2405-15313	00000/0000	2-10016/0661	03/02/76	100	5647	4431N	08205W	30.9	142.0	GGG	FGFG		21	29
2405-15315	00000/0000	2-10016/0662	03/02/76	100	5647	4306N	08237W	31.8	141.0	GGG	GFFF		21	30
2405-15322	00000/0000	2-10016/0663	03/02/76	90	5647	4141N	08308W	32.7	140.0	GGG	GFFF		21	31
2405-15324	00000/0000	2-10016/0664	03/02/76	80	5647	4016N	08339W	33.6	139.0	GGG	GFFF		21	32
2405-15331	00000/0000	2-10016/0665	03/02/76	50	5647	3850N	08407W	34.5	138.0	GGG	GFFF		21	33
2405-15333	00000/0000	2-10016/0666	03/02/76	20	5647	3725N	08435W	35.3	136.9	GGG	GGFG		21	34
2405-15340	00000/0000	2-10016/0667	03/02/76	20	5647	3559N	08503W	36.2	135.8	GGG	GGFF		21	35
2405-15342	00000/0000	2-10016/0668	03/02/76	10	5647	3434N	08529W	37.0	134.7	GGG	GGGF		21	36
2405-15345	00000/0000	2-10016/0669	03/02/76	10	5647	3307N	08555W	37.8	133.6	GGG	GGGG		21	37
2405-15351	00000/0000	2-10016/0670	03/02/76	10	5647	3142N	08621W	38.6	132.5	GGG	GGGG		21	38
2405-15354	00000/0000	2-10016/0671	03/02/76	70	5647	3016N	08646W	39.3	131.3	GGG	GFGF		21	39
2405-15360	00000/0000	2-10016/0672	03/02/76	20	5646	2851N	08711W	40.1	130.1	GGG	GFGG		21	40
2405-15363	00000/0000	2-10016/0673	03/02/76	10	5646	2725N	08734W	40.8	128.9	GGG	FGGF		21	41
2405-17131	00000/0000	00000/0000	03/02/76	80	5647	4957N	10538W	27.3	145.7	GGG			39	25
2405-17133	2-10019/1495	00000/0000	03/02/76	0	5647	4846N	10610W	28.1	144.9	GGG			39	26
2405-17140	00000/0000	00000/0000	03/02/76	0	5647	4721N	10646W	29.1	143.9	GGG			39	27
2405-17142	00000/0000	00000/0000	03/02/76	10	5647	4556N	10721W	30.0	143.0	GGG			39	28
2405-17145	00000/0000	2-10016/0674	03/02/76	10	5647	4431N	10755W	30.9	142.0	GGG	GGGG		39	29
2405-17151	00000/0000	2-10016/0675	03/02/76	30	5647	4306N	10827W	31.9	141.0	GGG	GGGG		39	30
2405-17154	00000/0000	2-10016/0676	03/02/76	90	5647	4141N	10858W	32.8	140.0	GGG	GFGG		39	31
2405-17160	00000/0000	2-10016/0677	03/02/76	90	5647	4016N	10928W	33.6	139.0	GG	GGFG		39	32
2405-17163	00000/0000	2-10016/0678	03/02/76	20	5647	3851N	10957W	34.5	137.9	GGG	GGGG		39	33
2405-17165	00000/0000	2-10016/0679	03/02/76	20	5647	3725N	11025W	35.4	136.9	GGG	GGGF		39	34
2405-17172	00000/0000	2-10016/0680	03/02/76	10	5647	3600N	11053W	36.2	135.8	GGG	GGGG		39	35
2405-17174	00000/0000	2-10016/0681	03/02/76	20	5647	3435N	11120W	37.0	134.7	GGG	GFGG		39	36
2405-17181	00000/0000	2-10016/0682	03/02/76	10	5647	3309N	11146W	37.8	133.6	GGG	GFGG		39	37

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01129 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 004R

OBSERVATION ID	MICROFILM RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	QUAL MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2405-17183	00000/0000	2-10016/0683	03/02/76	10	5647	3143N	11211W	38.6	132.5	GG	GGGG		39	38
2405-17190	00000/0000	2-10016/0684	03/02/76	10	5647	3017N	11236W	39.4	131.3	G	GGGG		39	39
2405-18544	2-10019/1496	00000/0000	03/02/76	0	5648	5538N	12831W	23.3	149.8	GGG			57	21
2405-18551	2-10019/1497	00000/0000	03/02/76	0	5648	5415N	12917W	24.3	148.8	GGG			57	22
2405-20332	2-10019/1498	00000/0000	03/02/76	20	5649	7029N	14006W	12.0	165.2	GGG			75	10
2405-20335	2-10019/1499	00000/0000	03/02/76	10	5649	6911N	14208W	13.0	163.2	GGG			75	11
2405-20341	00000/0000	00000/0000	03/02/76	0	5649	6753N	14356W	14.1	161.4	GGG			75	12
2405-20344	00000/0000	00000/0000	03/02/76	10	5649	6633N	14532W	15.1	159.7	GGG			75	13
2405-20350	00000/0000	00000/0000	03/02/76	60	5649	6513N	14658W	16.2	158.2	GGG			75	14
2405-20353	00000/0000	2-10016/0685	03/02/76	90	5649	6353N	14815W	17.2	156.8	GGG	GGGG		75	15
2405-20355	00000/0000	2-10016/0686	03/02/76	90	5649	6232N	14927W	18.3	155.5	GGG	GGGG		75	16
2405-20362	00000/0000	2-10016/0687	03/02/76	90	5649	6110N	15033W	19.3	154.2	GGG	GGGG		75	17
2405-20364	00000/0000	2-10016/0688	03/02/76	90	5649	5948N	15135W	20.3	153.1	GGG	GGGG		75	18
2405-20371	00000/0000	2-10016/0689	03/02/76	90	5649	5826N	15233W	21.4	151.9	GGG	GGGG		75	19
2405-20373	00000/0000	2-10016/0690	03/02/76	90	5649	5703N	15327W	22.4	150.8	GGG	GGGG		75	20
2405-20380	00000/0000	2-10016/0691	03/02/76	90	5649	5540N	15417W	23.4	149.8	GGG	GGGG		75	21
2405-20382	00000/0000	2-10016/0692	03/02/76	90	5649	5416N	15504W	24.4	148.8	GGG	GGGG		75	22
2405-20385	00000/0000	00000/0000	03/02/76	90	5649	5251N	15548W	25.4	147.8	GGG			75	23
2405-22170	00000/0000	2-10016/0737	03/02/76	10	5650	6914N	16749W	13.0	163.2		PGFG		93	11
2405-22173	00000/0000	2-10016/0738	03/02/76	20	5650	6756N	16937W	14.1	161.4		FGGG		93	12
2405-22175	00000/0000	2-10016/0739	03/02/76	70	5650	6636N	17113W	15.1	159.8		FGGG		93	13
2405-22182	00000/0000	2-10016/0740	03/02/76	90	5650	6516N	17241W	16.2	158.2		FGGG		93	14
2405-22184	00000/0000	2-10016/0741	03/02/76	90	5650	6355N	17400W	17.2	156.8		FGGG		93	15
2405-22191	00000/0000	2-10016/0742	03/02/76	100	5650	6234N	17513W	18.3	155.5		FGGF		93	16
2405-22193	00000/0000	2-10016/0743	03/02/76	80	5650	6112N	17620W	19.3	154.3		FGGF		93	17
2405-22200	00000/0000	2-10016/0744	03/02/76	90	5650	5950N	17723W	20.3	153.1		FGGF		93	18
2405-22202	00000/0000	2-10016/0745	03/02/76	90	5650	5827N	17820W	21.4	152.0		FGGG		93	19
2405-22205	00000/0000	2-10016/0746	03/02/76	70	5650	5704N	17914W	22.4	150.9		GGGG		93	20
2405-22211	00000/0000	2-10016/0747	03/02/76	60	5650	5540N	17955E	23.4	149.8		GGGG		93	21
2405-22214	00000/0000	2-10016/0748	03/02/76	50	5650	5417N	17907E	24.4	148.8		GGGG		93	22
2405-22220	00000/0000	2-10016/0749	03/02/76	50	5650	5253N	17822E	25.4	147.8		FGGG		93	23
2405-22223	00000/0000	2-10016/0750	03/02/76	50	5650	5129N	17739E	26.3	146.8		GGGG		93	24
2406-15360	00000/0000	2-10016/0693	03/03/76	100	5660	4848N	08145W	28.5	144.8	GGG	FGGG		22	26
2406-15362	00000/0000	2-10016/0694	03/03/76	100	5660	4723N	08221W	29.4	143.8		FGGG		22	27
2406-15365	00000/0000	2-10016/0695	03/03/76	100	5660	4559N	08256W	30.3	142.8	G G	FGFG		22	28
2406-15371	00000/0000	2-10016/0696	03/03/76	90	5660	4434N	08330W	31.3	141.9	GGG	GGGG		22	29

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01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0049

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINCIPAL PRINT LONG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2406-15374	00000/0000	2-10016/0697	03/03/76	90	5660	4308N	08402W	32.2	140.9	GGG	GGFG		22	30
2406-15380	00000/0000	2-10016/0698	03/03/76	90	5660	4143N	08433W	33.1	139.8	GGG	GPFG		22	31
2406-15383	00000/0000	2-10016/0699	03/03/76	70	5660	4018N	08503W	33.9	138.8	GGG	FFFG		22	32
2406-15385	00000/0000	2-10016/0700	03/03/76	60	5660	3853N	08532W	34.8	137.8	GGG	GGGG		22	33
2406-15392	00000/0000	2-10016/0701	03/03/76	80	5660	3727N	08601W	35.7	136.7	GGG	GFGG		22	34
2406-15394	00000/0000	2-10016/0702	03/03/76	90	5660	3601N	08628W	36.5	135.6	GGG	GGGF		22	35
2406-15401	00000/0000	2-10016/0703	03/03/76	70	5660	3436N	08655W	37.3	134.5	GGG	GGGF		22	36
2406-15403	00000/0000	2-10016/0704	03/03/76	90	5660	3310N	08721W	38.1	133.4	GGG	GGGG		22	37
2406-15410	00000/0000	2-10016/0705	03/03/76	90	5660	3144N	08746W	38.9	132.3	GGG	GGGG		22	38
2406-15412	00000/0000	00000/0000	03/03/76	90	5660	3018N	08811W	39.6	131.1	GGG			22	39
2406-15415	00000/0000	2-10016/0706	03/03/76	30	5660	2853N	08836W	40.4	129.9	GGG	GFGF		22	40
2406-15421	00000/0000	2-10016/0707	03/03/76	30	5660	2727N	08900W	41.1	128.6	FFF	GFFF		22	41
2406-17191	00000/0000	2-10016/0708	03/03/76	10	5661	4848N	10735W	28.5	144.8	GGG	GGGG		40	26
2406-17194	00000/0000	2-10016/0709	03/03/76	10	5661	4723N	10811W	29.4	143.8	GGG	GGGG		40	27
2406-17200	00000/0000	2-10016/0710	03/03/76	0	5661	4558N	10847W	30.4	142.8	GGG	GGGG		40	28
2406-17203	00000/0000	2-10016/0711	03/03/76	10	5661	4433N	10921W	31.3	141.8	GGG	GGGG		40	29
2406-17205	00000/0000	2-10016/0712	03/03/76	20	5661	4308N	10953W	32.2	140.8	GGG	GFFG		40	30
2406-17212	00000/0000	2-10016/0713	03/03/76	40	5661	4142N	11024W	33.1	139.8	GGG	GFFG		40	31
2406-17214	00000/0000	2-10016/0714	03/03/76	20	5661	4017N	11054W	34.0	138.8	GGG	GFFG		40	32
2406-17221	00000/0000	2-10016/0715	03/03/76	50	5661	3852N	11123W	34.8	137.8	GGG	GFFG		40	33
2406-17223	00000/0000	2-10016/0716	03/03/76	90	5661	3727N	11150W	35.7	136.7	GGG	GFFG		40	34
2406-17230	00000/0000	2-10016/0717	03/03/76	90	5661	3602N	11218W	36.5	135.6	GGG	GFFG		40	35
2406-17232	00000/0000	2-10016/0718	03/03/76	90	5661	3436N	11244W	37.3	134.5	GGG	GFFG		40	36
2406-17235	00000/0000	2-10016/0719	03/03/76	90	5661	3311N	11310W	38.1	133.4	GFF	GFFG		40	37
2406-17241	00000/0000	2-10016/0720	03/03/76	60	5661	3145N	11335W	38.9	132.2	GFF	GFFG		40	38
2406-17244	00000/0000	2-10016/0721	03/03/76	10	5661	3018N	11400W	39.7	131.1	GGG	GFFG		40	39
2406-18595	2-10019/1506	00000/0000	03/03/76	80	5662	5738N	12843W	22.3	151.3	FGG			58	20
2406-19002	2-10019/1507	00000/0000	03/03/76	30	5662	5615N	12934W	23.3	150.2	GGG			58	21
2406-19004	2-10019/1508	00000/0000	03/03/76	80	5662	5451N	13023W	24.3	149.1	FFF			58	22
2406-19011	2-10019/1509	00000/0000	03/03/76	90	5662	5327N	13109W	25.3	148.1	GGG			58	23
2406-20391	00000/0000	2-10016/0722	03/03/76	70	5663	7031N	14129W	12.3	165.3	GGG	GGGG		76	10
2406-20393	00000/0000	2-10016/0723	03/03/76	90	5663	6913N	14330W	13.4	163.2	GGG	FGGG		76	11
2406-20400	00000/0000	2-10016/0724	03/03/76	90	5663	6755N	14517W	14.5	161.4	GGG	GGGG		76	12
2406-20402	00000/0000	2-10016/0725	03/03/76	100	5663	6636N	14653W	15.5	159.8	GGG	GGGG		76	13
2406-20405	00000/0000	2-10016/0726	03/03/76	100	5663	6516N	14821W	16.6	158.2	GGG	GGGG		76	14
2406-20411	00000/0000	2-10016/0727	03/03/76	100	5663	6355N	14940W	17.6	156.8	GGG	GGGF		76	15

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0050

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA	MSS MODE	MSS GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2406-20414	00000/0000	2-10016/0728	03/03/76	90	5663	6234N	15052W	18.6	155.5	GGG	GGGG	76	16
2406-20420	00000/0000	2-10016/0729	03/03/76	90	5663	6112N	15159W	19.7	154.2	GFG	GGGG	76	17
2406-20423	00000/0000	2-10016/0730	03/03/76	100	5663	5950N	15301W	20.7	153.0	GGG	GGGG	76	18
2406-20425	00000/0000	2-10016/0731	03/03/76	100	5663	5827N	15359W	21.7	151.9	GGG	GGGG	76	19
2406-20432	00000/0000	00000/0000	03/03/76	100	5663	5704N	15453W	22.7	150.8	GGG		76	20
2406-20434	00000/0000	2-10016/0732	03/03/76	100	5663	5541N	15544W	23.7	149.7	GGG	GGGG	76	21
2406-22231	00000/0000	2-10016/0733	03/03/76	100	5664	6757N	17102W	14.5	161.5		GGGG	94	12
2406-22272	00000/0000	2-10016/0734	03/03/76	50	5664	5419N	17741E	24.7	148.7		GGGG	94	22
2406-22275	00000/0000	2-10016/0735	03/03/76	50	5664	5255N	17656E	25.7	147.7		GGGF	94	23
2406-22281	00000/0000	2-10016/0736	03/03/76	50	5664	5130N	17613E	26.7	146.7		FGGG	94	24
2407-15414	00000/0000	2-10016/0765	03/04/76	10	5674	4840N	08322W	28.9	144.6		GGGG	23	26
2407-15421	00000/0000	2-10016/0766	03/04/76	20	5674	4715N	08358W	29.8	143.6		GGGG	23	27
2407-15423	00000/0000	2-10016/0767	03/04/76	100	5674	4550N	08433W	30.8	142.6		GGGG	23	28
2407-15430	00000/0000	2-10016/0768	03/04/76	100	5674	4425N	08506W	31.7	141.6		GGGG	23	29
2407-15432	00000/0000	2-10016/0769	03/04/76	100	5674	4300N	08538W	32.6	140.6		GGGG	23	30
2407-15435	00000/0000	2-10016/0770	03/04/76	100	5674	4135N	08609W	33.5	139.6		GGGG	23	31
2407-15441	00000/0000	2-10016/0771	03/04/76	90	5674	4009N	08638W	34.4	138.6		GGGG	23	32
2407-15444	00000/0000	2-10016/0772	03/04/76	20	5674	3844N	08707W	35.2	137.5		GGGG	23	33
2407-15450	00000/0000	2-10016/0773	03/04/76	20	5674	3719N	08735W	36.1	136.4		GGGG	23	34
2407-15453	00000/0000	2-10016/0774	03/04/76	10	5674	3553N	08803W	36.9	135.3		GGGG	23	35
2407-15455	00000/0000	2-10016/0775	03/04/76	10	5674	3427N	08830W	37.7	134.2		GGGG	23	36
2407-15462	00000/0000	2-10016/0776	03/04/76	10	5674	3301N	08855W	38.5	133.1		GGGG	23	37
2407-15464	00000/0000	2-10016/0777	03/04/76	10	5674	3136N	08920W	39.3	131.9		GGGG	23	38
2407-15471	00000/0000	2-10016/0764	03/04/76	60	5674	3010N	08944W	40.0	130.7		G	23	39
2407-15473	00000/0000	2-10016/0778	03/04/76	10	5674	2845N	09008W	40.7	129.5		GFGF	23	40
2407-15480	00000/0000	2-10016/0779	03/04/76	10	5674	2719N	09032W	41.4	128.2		GFGG	23	41
2407-17243	00000/0000	2-10016/0751	03/04/76	10	5675	5006N	10819W	28.0	145.6		GGGG	41	25
2407-17250	00000/0000	2-10016/0752	03/04/76	10	5675	4841N	10858W	28.9	144.6		GGGG	41	26
2407-17252	00000/0000	2-10016/0753	03/04/76	10	5675	4717N	10934W	29.9	143.6		GGGG	41	27
2407-17255	00000/0000	2-10016/0754	03/04/76	10	5675	4552N	11010W	30.8	142.6		GGGG	41	28
2407-17261	00000/0000	2-10016/0755	03/04/76	10	5675	4427N	11043W	31.7	141.6		GGGG	41	29
2407-17264	00000/0000	2-10016/0756	03/04/76	10	5675	4259N	11127W	32.6	140.6		GGGG	41	30
2407-17270	00000/0000	2-10016/0757	03/04/76	10	5675	4134N	11157W	33.5	139.6		GGGG	41	31
2407-17273	00000/0000	2-10016/0758	03/04/76	10	5675	4009N	11227W	34.4	138.5		GGGG	41	32
2407-17275	00000/0000	2-10016/0759	03/04/76	10	5675	3844N	11255W	35.3	137.5		GGGG	41	33
2407-17282	00000/0000	2-10016/0760	03/04/76	30	5675	3719N	11324W	36.1	136.4		GGGG	41	34

KEYS: C=CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 I=IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 M=MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 H=MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0051

OBSERVATION ID	MICROFILM RPT NO./ POSITION IN RPT RBV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN AZIM. FLEV.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBN NUMBER	
2407-17284	00000/0000	2-10016/0761	03/04/76	50	5675	3553N	11351W	36.9	135.3	GGGG	41	35
2407-17291	00000/0000	2-10016/0762	03/04/76	10	5675	3428N	11418W	37.7	134.2	GGGG	41	36
2407-17293	00000/0000	2-10016/0763	03/04/76	10	5675	3302N	11444W	38.5	133.1	GGGG	41	37
2407-20445	00000/0000	2-10016/0780	03/04/76	40	5677	7034N	14238W	12.7	165.4	GGGG	77	10
2407-20451	00000/0000	2-10016/0781	03/04/76	70	5677	6917N	14439W	13.7	163.3	GGGG	77	11
2407-20454	00000/0000	2-10016/0782	03/04/76	40	5677	6759N	14628W	14.8	161.5	GGGG	77	12
2407-20460	00000/0000	2-10016/0783	03/04/76	10	5677	6640N	14805W	15.8	159.8	GGGG	77	13
2407-20463	00000/0000	2-10016/0784	03/04/76	30	5677	6520N	14934W	16.9	158.3	GGGG	77	14
2407-20465	00000/0000	2-10016/0785	03/04/76	90	5677	6359N	15054W	17.9	156.9	GGGG	77	15
2407-20472	00000/0000	2-10016/0786	03/04/76	90	5677	6237N	15208W	19.0	155.5	GGGG	77	16
2407-20474	00000/0000	2-10016/0787	03/04/76	20	5677	6116N	15315W	20.0	154.3	GGGG	77	17
2407-20481	00000/0000	2-10016/0788	03/04/76	10	5677	5952N	15435W	21.0	153.1	GGGG	77	18
2407-20483	00000/0000	2-10016/0789	03/04/76	10	5677	5829N	15532W	22.1	151.9	GGGG	77	19
2407-20490	00000/0000	2-10016/0790	03/04/76	10	5677	5706N	15626W	23.1	150.8	GGGF	77	20
2407-20492	00000/0000	2-10016/0791	03/04/76	10	5677	5543N	15716W	24.1	149.7	GGGG	77	21
2407-20495	00000/0000	2-10016/0792	03/04/76	10	5677	5419N	15803W	25.1	148.7	GGGG	77	22
2407-22330	00000/0000	2-10016/0793	03/04/76	10	5678	5418N	17607E	25.1	148.7	GGGG	95	22
2407-22333	00000/0000	2-10016/0794	03/04/76	10	5678	5254N	17523E	26.1	147.6	GGGG	95	23
2408-15525	00000/0000	2-10017/0001	03/05/76	80	5688	3011N	09110W	40.3	130.4	GGGG	24	39
2408-15531	00000/0000	2-10017/0002	03/05/76	60	5688	2846N	09134W	41.0	129.2	GGGG	24	40
2408-17354	00000/0000	2-10017/0003	03/05/76	70	5689	3137N	11635W	39.6	131.6	GGGG	42	38
2408-20503	00000/0000	2-10016/0795	03/05/76	40	5691	7033N	14406W	13.1	165.4	FGGG	78	10
2408-20510	00000/0000	2-10016/0796	03/05/76	70	5691	6916N	14608W	14.1	163.3	GGGG	78	11
2408-20512	00000/0000	2-10016/0797	03/05/76	20	5691	6757N	14756W	15.2	161.5	FGGG	78	12
2408-20515	00000/0000	2-10016/0798	03/05/76	10	5691	6638N	14933W	16.3	159.8	FGGG	78	13
2408-20521	00000/0000	2-10016/0799	03/05/76	10	5691	6518N	15101W	17.3	158.3	FGGG	78	14
2408-20524	00000/0000	2-10016/0800	03/05/76	10	5691	6357N	15222W	18.3	156.8	GGGG	78	15
2408-20530	00000/0000	2-10016/0801	03/05/76	10	5691	6236N	15335W	19.4	155.5	FFFF	78	16
2408-20533	00000/0000	2-10016/0802	03/05/76	10	5691	6114N	15442W	20.4	154.2	GGFF	78	17
2408-20535	00000/0000	2-10016/0803	03/05/76	40	5691	5952N	15545W	21.4	153.0	GGGG	78	18
2408-20542	00000/0000	2-10016/0804	03/05/76	100	5691	5829N	15643W	22.5	151.8	GGGG	78	19
2408-20544	00000/0000	2-10016/0805	03/05/76	90	5691	5706N	15737W	23.5	150.7	GGGG	78	20
2408-20551	00000/0000	2-10016/0806	03/05/76	90	5691	5543N	15828W	24.5	149.6	GGGG	78	21
2408-20553	00000/0000	2-10016/0807	03/05/76	90	5691	5419N	15915W	25.5	148.6	GGGG	78	22
2408-22382	00000/0000	2-10016/0808	03/05/76	50	5692	5540N	17529E	24.5	149.6	FGGG	96	21
2408-22385	00000/0000	2-10016/0809	03/05/76	20	5692	5417N	17442E	25.5	148.6	FGGG	96	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0059

OBSERVATION ID	MICROFILM POSITION IN ROL RBV	ROLL NR./ MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME ROW NUMBER
2409-15531	00000/0000	2-10016/0810	03/06/76	30	5702	4840N	08608W	29.6	144.4	GGGG			25	26
2409-15533	00000/0000	2-10016/0811	03/06/76	70	5702	4715N	08645W	30.6	143.4	GGGG			25	27
2409-15540	00000/0000	2-10016/0812	03/06/76	50	5702	4550N	08720W	31.5	142.4	GGGG			25	28
2409-15542	00000/0000	2-10016/0813	03/06/76	60	5702	4426N	08753W	32.4	141.3	GGGG			25	29
2409-15545	00000/0000	2-10016/0814	03/06/76	50	5702	4301N	08825W	33.3	140.3	GGGG			25	30
2409-15551	00000/0000	2-10016/0815	03/06/76	10	5702	4136N	08856W	34.2	139.2	GGGG			25	31
2409-15554	00000/0000	2-10016/0816	03/06/76	10	5702	4011N	08925W	35.1	138.2	GGGG			25	32
2409-15560	00000/0000	2-10016/0817	03/06/76	10	5702	3845N	08954W	35.9	137.1	GGGG			25	33
2409-15563	00000/0000	2-10016/0818	03/06/76	10	5702	3720N	09022W	36.8	136.0	FFGG			25	34
2409-15565	00000/0000	2-10016/0819	03/06/76	10	5702	3555N	09049W	37.6	134.9	FFGG			25	35
2409-15572	00000/0000	2-10016/0820	03/06/76	20	5702	3429N	09115W	38.4	133.7	GGGG			25	36
2409-15574	00000/0000	2-10016/0821	03/06/76	60	5702	3303N	09141W	39.2	132.6	GGGG			25	37
2409-15581	00000/0000	2-10016/0822	03/06/76	90	5702	3137N	09206W	39.9	131.4	FFGG			25	38
2409-15583	00000/0000	2-10016/0823	03/06/76	100	5702	3011N	09231W	40.7	130.1	FFGG			25	39
2409-17362	00000/0000	2-10016/0824	03/06/76	10	5703	4840N	11155W	29.7	144.4	GGGG			43	26
2409-17365	00000/0000	2-10016/0825	03/06/76	20	5703	4715N	11232W	30.6	143.4	FFGG			43	27
2409-17371	00000/0000	2-10016/0826	03/06/76	20	5703	4551N	11306W	31.5	142.4	GGGG			43	28
2409-17374	00000/0000	2-10016/0827	03/06/76	10	5703	4426N	11340W	32.5	141.3	GGGG			43	29
2409-17380	00000/0000	2-10016/0828	03/06/76	0	5703	4301N	11412W	33.4	140.3	GGGG			43	30
2409-17383	00000/0000	2-10016/0829	03/06/76	0	5703	4136N	11443W	34.2	139.2	GGGG			43	31
2409-17385	00000/0000	2-10016/0830	03/06/76	0	5703	4011N	11513W	35.1	138.2	GGGG			43	32
2409-17392	00000/0000	2-10016/0831	03/06/76	0	5703	3845N	11542W	36.0	137.1	GGGG			43	33
2409-17394	00000/0000	2-10016/0832	03/06/76	0	5703	3720N	11610W	36.8	136.0	GGGG			43	34
2409-17401	00000/0000	2-10016/0833	03/06/76	10	5703	3555N	11637W	37.6	134.9	GGGG			43	35
2409-17403	00000/0000	2-10016/0834	03/06/76	10	5703	3429N	11704W	38.4	133.7	GGGG			43	36
2409-17410	00000/0000	2-10016/0835	03/06/76	0	5703	3303N	11729W	39.2	132.6	GGG			43	37
2409-20561	00000/0000	2-10016/0880	03/06/76	40	5705	7034N	14547W	13.5	165.4	FFGG			79	10
2409-20564	00000/0000	2-10016/0881	03/06/76	30	5705	6917N	14748W	14.5	163.4	GGGG			79	11
2409-20570	00000/0000	2-10016/0882	03/06/76	20	5705	6759N	14935W	15.6	161.5	GGGG			79	12
2409-20573	00000/0000	2-10016/0883	03/06/76	50	5705	6639N	15111W	16.6	159.8	GGGG			79	13
2409-20575	00000/0000	2-10016/0884	03/06/76	90	5705	6518N	15239W	17.7	158.3	GGGG			79	14
2409-20582	00000/0000	2-10016/0885	03/06/76	100	5705	6357N	15358W	18.7	156.8	GGGG			79	15
2409-20584	00000/0000	2-10016/0886	03/06/76	100	5705	6236N	15511W	19.8	155.5	GGGG			79	16
2409-20591	00000/0000	2-10016/0887	03/06/76	90	5705	6114N	15618W	20.8	154.2	GGGG			79	17
2409-20593	00000/0000	2-10016/0888	03/06/76	90	5705	5951N	15720W	21.8	153.0	GGGG			79	18
2409-21000	00000/0000	2-10016/0889	03/06/76	100	5705	5829N	15817W	22.8	151.8	GGGG			79	19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0053

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2409-21002	00000/0000	2-10016/0890	03/06/76	80	5705	5706N	15910W	23.8	150.7	GGGG			79	20
2409-21005	00000/0000	2-10016/0891	03/06/76	30	5705	5543N	16001W	24.8	149.6	GGGG			79	21
2409-21011	00000/0000	2-10016/0892	03/06/76	20	5705	5419N	16048W	25.8	148.5	GGGG			79	22
2410-15585	00000/0000	2-10016/0836	03/07/76	70	5716	4842N	08733W	30.0	144.3	GGGG			26	26
2410-15591	00000/0000	2-10016/0837	03/07/76	90	5716	4717N	08809W	30.9	143.3	GGGG			26	27
2410-15594	00000/0000	2-10016/0838	03/07/76	60	5716	4552N	08843W	31.9	142.2	GGGG			26	28
2410-16000	00000/0000	2-10016/0839	03/07/76	10	5716	4428N	08917W	32.8	141.2	GGGG			26	29
2410-16003	00000/0000	2-10016/0840	03/07/76	40	5716	4303N	08949W	33.7	140.2	GGGG			26	30
2410-16005	00000/0000	2-10016/0841	03/07/76	20	5716	4138N	09020W	34.6	139.1	GGGG			26	31
2410-16012	00000/0000	2-10016/0842	03/07/76	0	5716	4013N	09050W	35.4	138.0	GGGG			26	32
2410-16014	00000/0000	2-10016/0843	03/07/76	0	5716	3847N	09119W	36.3	136.9	GGGG			26	33
2410-16021	00000/0000	2-10016/0844	03/07/76	10	5716	3722N	09147W	37.1	135.8	GGGG			26	34
2410-16023	00000/0000	2-10016/0845	03/07/76	0	5716	3556N	09214W	37.9	134.7	GGGG			26	35
2410-16030	00000/0000	2-10016/0846	03/07/76	30	5716	3430N	09241W	38.7	133.5	GGGG			26	36
2410-16032	00000/0000	2-10016/0847	03/07/76	90	5716	3305N	09307W	39.5	132.3	GGGG			26	37
2410-16035	00000/0000	2-10016/0848	03/07/76	100	5716	3139N	09332W	40.2	131.1	GGGG			26	38
2410-16041	00000/0000	2-10016/0849	03/07/76	100	5716	3013N	09357W	41.0	129.9	GGGG			26	39
2410-16044	00000/0000	2-10016/0850	03/07/76	100	5716	2847N	09421W	41.7	128.6	GGGG			26	40
2410-16053	00000/0000	2-10016/0851	03/07/76	30	5716	2555N	09507W	43.0	126.0	GGGG			26	42
2410-16055	00000/0000	2-10016/0852	03/07/76	40	5716	2429N	09530W	43.6	124.6	GGGG			26	43
2410-17414	00000/0000	2-10016/0867	03/07/76	70	5717	5006N	11245W	29.1	145.3	GGGG			44	25
2410-17420	00000/0000	2-10016/0868	03/07/76	20	5717	4842N	11323W	30.0	144.3	GGGG			44	26
2410-17423	00000/0000	2-10016/0869	03/07/76	10	5717	4718N	11400W	31.0	143.3	GGGG			44	27
2410-17425	00000/0000	2-10016/0870	03/07/76	10	5717	4543N	11434W	31.9	142.2	GGGG			44	28
2410-17432	00000/0000	2-10016/0871	03/07/76	0	5717	4428N	11508W	32.8	141.2	GGGG			44	29
2410-17434	00000/0000	2-10016/0872	03/07/76	0	5717	4303N	11539W	33.7	140.1	GGGG			44	30
2410-17441	00000/0000	2-10016/0873	03/07/76	0	5717	4138N	11610W	34.6	139.1	GGGG			44	31
2410-17443	00000/0000	2-10016/0874	03/07/76	0	5717	4013N	11639W	35.5	138.0	GGGG			44	32
2410-17450	00000/0000	2-10016/0875	03/07/76	0	5717	3847N	11708W	36.3	136.9	GGGG			44	33
2410-17452	00000/0000	2-10016/0876	03/07/76	0	5717	3722N	11736W	37.1	135.8	GGGG			44	34
2410-17455	00000/0000	2-10016/0877	03/07/76	0	5717	3556N	11803W	38.0	134.7	GGGG			44	35
2410-17461	00000/0000	2-10016/0878	03/07/76	0	5717	3431N	11829W	38.7	133.5	GGGG			44	36
2410-17464	00000/0000	2-10016/0879	03/07/76	30	5717	3305N	11855W	39.5	132.3	GGGG			44	37
2410-21020	00000/0000	2-10016/0893	03/07/76	70	5719	7033N	14712W	13.9	165.4	GGGG			80	10
2410-21022	00000/0000	2-10016/0894	03/07/76	100	5719	6915N	14913W	14.9	163.4	GGGG			80	11
2410-21025	00000/0000	2-10016/0895	03/07/76	80	5719	6756N	15101W	16.0	161.5	GGGG			80	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0054

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA	MSS MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2410-21031	00000/0000 2-10016/0896	03/07/76	40	5719	6637N	15237W	17.0	159.8	GGGG			80	13
2410-21034	00000/0000 2-10016/0897	03/07/76	60	5719	6517N	15404W	18.1	158.2	GGGG			80	14
2410-21040	00000/0000 2-10016/0898	03/07/76	70	5719	6356N	15524W	19.1	156.8	GGGG			80	15
2410-21043	00000/0000 2-10016/0899	03/07/76	80	5719	6235N	15637W	20.2	155.4	GGGG			80	16
2410-21045	00000/0000 2-10016/0900	03/07/76	80	5719	6112N	15744W	21.2	154.1	GGGG			80	17
2410-21052	00000/0000 2-10016/0901	03/07/76	60	5719	5950N	15845W	22.2	152.9	GGGG			80	18
2410-21054	00000/0000 2-10016/0902	03/07/76	40	5719	5827N	15942W	23.2	151.7	GGGG			80	19
2410-21061	00000/0000 2-10016/0903	03/07/76	20	5719	5704N	16035W	24.2	150.6	GGGG			80	20
2410-21063	00000/0000 2-10016/0904	03/07/76	40	5719	5540N	16125W	25.2	149.5	GGGG			80	21
2410-21070	00000/0000 2-10016/0905	03/07/76	50	5719	5417N	16213W	26.2	148.4	GGGG			80	22
2411-14214	00000/0000 2-10016/0906	03/08/76	10	5729	4716N	06344W	31.3	143.1	GGGG			9	27
2411-16043	00000/0000 2-10016/0936	03/08/76	30	5730	4840N	08900W	30.4	144.2	GGGG			27	26
2411-16050	00000/0000 2-10016/0937	03/08/76	60	5730	4716N	08936W	31.3	143.1	GGGG			27	27
2411-16052	00000/0000 2-10016/0938	03/08/76	70	5730	4551N	09011W	32.3	142.1	GGGF			27	28
2411-16055	00000/0000 2-10016/0939	03/08/76	40	5730	4426N	09045W	33.2	141.0	GGGF			27	29
2411-16061	00000/0000 2-10016/0940	03/08/76	60	5730	4301N	09117W	34.1	140.0	GGFG			27	30
2411-16064	00000/0000 2-10016/0941	03/08/76	40	5730	4175N	09148W	34.9	138.9	GGGG			27	31
2411-16070	00000/0000 2-10016/0942	03/08/76	80	5730	4010N	09217W	35.8	137.8	GGGG			27	32
2411-16073	00000/0000 2-10016/0943	03/08/76	90	5730	3846N	09246W	36.7	136.7	GGGG			27	33
2411-16075	00000/0000 2-10016/0944	03/08/76	100	5730	3721N	09314W	37.5	135.6	GGGG			27	34
2411-16082	00000/0000 2-10016/0945	03/08/76	100	5730	3555N	09341W	38.3	134.4	GGGG			27	35
2411-16084	00000/0000 2-10016/0946	03/08/76	100	5730	3429N	09408W	39.1	133.2	GGGG			27	36
2411-16091	00000/0000 2-10016/0947	03/08/76	100	5730	3303N	09434W	39.8	132.0	GG G			27	37
2411-16093	00000/0000 2-10016/0948	03/08/76	100	5730	3137N	09459W	40.6	130.8	GGFG			27	38
2411-16100	00000/0000 2-10016/0921	03/08/76	80	5730	3011N	09523W	41.3	129.6	GGGG			27	39
2411-16102	00000/0000 2-10016/0922	03/08/76	70	5730	2845N	09548W	42.0	128.3	GGGG			27	40
2411-16105	00000/0000 2-10016/0923	03/08/76	50	5730	2719N	09611W	42.7	127.0	GGGG			27	41
2411-16111	00000/0000 2-10016/0924	03/08/76	30	5730	2554N	09635W	43.3	125.6	GGGG			27	42
2411-17472	00000/0000 2-10016/0925	03/08/76	30	5731	5005N	11412W	29.5	145.2	GGGG			45	25
2411-17475	00000/0000 2-10016/0926	03/08/76	40	5731	4840N	11450W	30.4	144.2	GGGG			45	26
2411-17481	00000/0000 2-10016/0927	03/08/76	10	5731	4716N	11527W	31.4	143.1	GGFG			45	27
2411-17484	00000/0000 2-10016/0928	03/08/76	10	5731	4551N	11601W	32.3	142.1	GGGG			45	28
2411-17490	00000/0000 2-10016/0929	03/08/76	0	5731	4426N	11635W	33.2	141.0	GGGG			45	29
2411-17493	00000/0000 2-10016/0930	03/08/76	0	5731	4301N	11707W	34.1	140.0	GGGG			45	30
2411-17502	00000/0000 2-10016/0931	03/08/76	0	5731	4011N	11806W	35.8	137.8	GGGG			45	32
2411-17504	00000/0000 2-10016/0932	03/08/76	10	5731	3846N	11835W	36.7	136.7	GGGG			45	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0055

OBSERVATION ID	MICROFILM RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2411-17511	00000/0000	2-10016/0933	03/08/76	10	5731	3721N	11903W	37.5	135.6	GGG		45	34
2411-17513	00000/0000	2-10016/0934	03/08/76	70	5731	3555N	11930W	38.3	134.4	GGG		45	35
2411-17520	00000/0000	2-10016/0935	03/08/76	90	5731	3429N	11957W	39.1	133.2	FFFF		45	36
2411-21074	00000/0000	2-10016/0907	03/08/76	50	5733	7092N	14846W	14.3	165.4	GGGG		81	10
2411-21080	00000/0000	2-10016/0908	03/08/76	20	5733	6914N	15046W	15.3	163.3	GGGG		81	11
2411-21083	00000/0000	2-10016/0909	03/08/76	80	5733	6755N	15233W	16.4	161.5	GGGG		81	12
2411-21085	00000/0000	2-10016/0910	03/08/76	90	5733	6635N	15409W	17.5	159.8	GGGG		81	13
2411-21092	00000/0000	2-10016/0911	03/08/76	80	5733	6515N	15536W	18.5	158.2	GGGG		81	14
2411-21094	00000/0000	2-10016/0912	03/08/76	30	5733	6354N	15655W	19.5	156.8	GGGG		81	15
2411-21101	00000/0000	2-10016/0913	03/08/76	20	5733	6233N	15808W	20.6	155.4	GGGG		81	16
2411-21103	00000/0000	2-10016/0914	03/08/76	20	5733	6111N	15914W	21.6	154.1	GGGG		81	17
2411-21110	00000/0000	2-10016/0915	03/08/76	50	5733	5948N	16015W	22.6	152.9	GGGG		81	18
2411-21112	00000/0000	2-10016/0916	03/08/76	50	5733	5826N	16112W	23.6	151.7	GGGG		81	19
2411-21115	00000/0000	2-10016/0917	03/08/76	30	5733	5703N	16206W	24.7	150.5	GGGG		81	20
2411-21121	00000/0000	2-10016/0918	03/08/76	90	5733	5540N	16256W	25.7	149.4	GGGG		81	21
2411-21124	00000/0000	2-10016/0919	03/08/76	50	5733	5416N	16344W	26.6	148.3	GGGG		81	22
2411-21130	00000/0000	2-10016/0920	03/08/76	10	5733	5253N	16428W	27.6	147.3	GGGG		81	23
2412-14272	00000/0000	2-10016/0853	03/09/76	10	5734	4718N	06511W	31.7	143.0	GGGG		10	27
2412-14275	00000/0000	2-10016/0854	03/09/76	10	5734	4553N	06546W	32.6	142.0	GGGG		10	28
2412-14281	00000/0000	2-10016/0855	03/09/76	0	5734	4428N	06620W	33.5	140.9	GGGG		10	29
2412-14284	00000/0000	2-10016/0856	03/09/76	30	5734	4303N	06652W	34.4	139.9	GGGG		10	30
2412-16101	00000/0000	2-10016/0857	03/09/76	40	5744	4842N	09026W	30.8	144.1	GGGG		28	26
2412-16104	00000/0000	2-10016/0858	03/09/76	90	5744	4717N	09102W	31.7	143.0	GGGG		28	27
2412-16110	00000/0000	2-10016/0859	03/09/76	90	5744	4553N	09137W	32.6	142.0	GGGG		28	28
2412-16113	00000/0000	2-10016/0860	03/09/76	90	5744	4428N	09211W	33.5	140.9	GGGG		28	29
2412-16115	00000/0000	2-10016/0861	03/09/76	90	5744	4303N	09243W	34.4	139.8	GGGG		28	30
2412-16122	00000/0000	2-10016/0862	03/09/76	20	5744	4138N	09313W	35.3	138.8	GGGG		28	31
2412-16124	00000/0000	2-10016/0863	03/09/76	10	5744	4013N	09343W	36.2	137.6	GGGG		28	32
2412-16131	00000/0000	2-10016/0864	03/09/76	10	5744	3847N	09412W	37.0	136.5	GGGG		28	33
2412-16133	00000/0000	2-10016/0865	03/09/76	60	5744	3722N	09440W	37.8	135.4	GGGG		28	34
2412-16140	00000/0000	2-10016/0866	03/09/76	90	5744	3556N	09507W	38.6	134.2	GGGG		28	35
2412-16142	00000/0000	2-10016/0949	03/09/76	90	5744	3431N	09534W	39.4	133.0	GPGG		28	36
2412-16145	00000/0000	2-10016/0950	03/09/76	90	5744	3305N	09600W	40.2	131.8	PPFG		28	37
2412-16151	00000/0000	2-10016/0951	03/09/76	90	5744	3139N	09625W	40.9	130.6	PPGG		28	38
2412-16154	00000/0000	2-10016/0952	03/09/76	50	5744	3013N	09650W	41.6	129.3	GFGG		28	39
2412-16160	00000/0000	2-10016/0953	03/09/76	10	5744	2846N	09714W	42.3	128.0	GGGG		28	40

KEYS: CLOUD COVER X ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0056

OBSERVATION ID	MICROFILM POSITION RBV	RAI NR./ IN RAIL MSS	DATE ACQUIRED	CLOUD COVER	SBBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RAW NUMBER
2412-16163	00000/0000	2-10016/0954	03/09/76	10	5744	2720N	09738W	43.0	126.7	FGGF		28	41
2412-16165	00000/0000	2-10016/0955	03/09/76	70	5744	2554N	09801W	43.6	126.3	FGGG		28	42
2412-17533	00000/0000	2-10016/0956	03/09/76	60	5745	4843N	11613W	30.8	144.1	GGGG		46	26
2412-17535	00000/0000	2-10016/0957	03/09/76	20	5745	4719N	11649W	31.7	143.0	GGGG		46	27
2412-17542	00000/0000	2-10016/0958	03/09/76	10	5745	4554N	11724W	32.7	142.0	GGGG		46	28
2412-17544	00000/0000	2-10016/0959	03/09/76	10	5745	4429N	11757W	33.6	140.9	GGGG		46	29
2412-17551	00000/0000	2-10016/0960	03/09/76	10	5745	4304N	11830W	34.4	139.8	GGGG		46	30
2412-17553	00000/0000	2-10016/0961	03/09/76	0	5745	4139N	11901W	35.3	138.7	GGGG		46	31
2412-17560	00000/0000	2-10016/0962	03/09/76	0	5745	4013N	11931W	36.2	137.6	GGGG		46	32
2412-17562	00000/0000	2-10016/0963	03/09/76	10	5745	3848N	12000W	37.0	136.5	GGGG		46	33
2412-17565	00000/0000	2-10016/0964	03/09/76	10	5745	3722N	12028W	37.9	135.4	GGGG		46	34
2412-17571	00000/0000	2-10016/0965	03/09/76	30	5745	3557N	12055W	38.7	134.2	GGGG		46	35
2412-17574	00000/0000	2-10016/0966	03/09/76	60	5745	3431N	12122W	39.4	133.0	GGGG		46	36
2412-21132	00000/0000	2-10016/0967	03/09/76	50	5747	7033N	15000W	14.7	165.5	FGGG		82	10
2412-21135	00000/0000	2-10016/0968	03/09/76	70	5747	6916N	15200W	15.7	163.4	FGGG		82	11
2412-21141	00000/0000	2-10016/0969	03/09/76	40	5747	6758N	15348W	16.8	161.5	FGGG		82	12
2412-21150	00000/0000	2-10016/0970	03/09/76	40	5747	6518N	15653W	18.9	158.2	GGGG		82	14
2412-21153	00000/0000	2-10016/0971	03/09/76	80	5747	6357N	15813W	19.9	156.8	GGGG		82	15
2412-21155	00000/0000	2-10016/0972	03/09/76	70	5747	6236N	15926W	21.0	155.4	FGGG		82	16
2412-21162	00000/0000	2-10016/0973	03/09/76	60	5747	6115N	16034W	22.0	154.1	GGGG		82	17
2412-21164	00000/0000	2-10016/0974	03/09/76	60	5747	5952N	16136W	23.0	152.9	FGGG		82	18
2412-21171	00000/0000	2-10016/0975	03/09/76	80	5747	5829N	16234W	24.0	151.7	GGGG		82	19
2412-21173	00000/0000	2-10016/0976	03/09/76	90	5747	5706N	16327W	25.0	150.5	GGGG		82	20
2412-21180	00000/0000	2-10016/0977	03/09/76	100	5747	5543N	16417W	26.0	149.4	GGGG		82	21
2412-21182	00000/0000	2-10016/0978	03/09/76	90	5747	5419N	16504W	27.0	148.3	FGGG		82	22
2412-21185	00000/0000	2-10016/0979	03/09/76	90	5747	5255N	16548W	28.0	147.2	GGGG		82	23
2413-14330	00000/0000	2-10016/0980	03/10/76	10	5757	4716N	06638W	32.1	142.9	GGGG		11	27
2413-14333	00000/0000	2-10016/0981	03/10/76	0	5757	4552N	06712W	33.0	141.8	GGGG		11	28
2413-14335	00000/0000	2-10016/0982	03/10/76	20	5757	4427N	06746W	33.9	140.8	GGGG		11	29
2413-14342	00000/0000	2-10016/0983	03/10/76	60	5757	4302N	06818W	34.8	139.7	GGGG		11	30
2413-14344	00000/0000	2-10016/0984	03/10/76	90	5757	4137N	06849W	35.7	138.6	GGGG		11	31
2413-14351	00000/0000	2-10016/0985	03/10/76	90	5757	4011N	06919W	36.5	137.5	GGGG		11	32
2413-16160	00000/0000	2-10016/0986	03/10/76	0	5758	4841N	09152W	31.2	143.9	GGGG		29	26
2413-16162	00000/0000	2-10016/0987	03/10/76	10	5758	4717N	09228W	32.1	142.9	GGGG		29	27
2413-16165	00000/0000	2-10016/0988	03/10/76	10	5758	4552N	09302W	33.0	141.8	GGGG		29	28
2413-16171	00000/0000	2-10016/0989	03/10/76	10	5758	4427N	09336W	33.9	140.7	GGGG		29	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0057

OBSERVATION ID	MICROFILM RELI NR., POSITION IN RELI RBV MSS	DATE ACQUIRED	CL COVER	BUD NUMBER	ORBIT	PRINCIPAL PRINT OF IMAGE LAT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2413-16174	00000/0000 2-10016/0990	03/10/76	70	5758	4302N	09408W	34.8	139.7	GGGG			29	30
2413-16180	00000/0000 2-10016/0991	03/10/76	90	5758	4137N	09439W	35.7	138.6	GGGG			29	31
2413-16183	00000/0000 2-10016/0992	03/10/76	50	5758	4012N	09509W	36.5	137.4	GGGG			29	32
2413-16185	00000/0000 2-10016/0993	03/10/76	10	5758	3846N	09538W	37.4	136.3	GGGG			29	33
2413-16192	00000/0000 2-10016/0994	03/10/76	0	5758	3720N	09606W	38.2	135.1	GGGG			29	34
2413-16194	00000/0000 2-10016/0995	03/10/76	0	5758	3555N	09634W	39.0	134.0	GGGG			29	35
2413-16201	00000/0000 2-10016/0996	03/10/76	30	5758	3429N	09701W	39.8	132.8	GGGG			29	36
2413-16203	00000/0000 2-10016/0997	03/10/76	60	5758	3303N	09726W	40.5	131.5	GGGF			29	37
2413-16210	00000/0000 2-10016/0998	03/10/76	80	5758	3137N	09752W	41.3	130.3	GGGG			29	38
2413-16212	00000/0000 2-10016/0999	03/10/76	30	5758	3011N	09816W	42.0	129.0	GGGG			29	39
2413-16215	00000/0000 2-10016/1000	03/10/76	40	5758	2845N	09840W	42.7	127.6	GGGG			29	40
2413-16221	00000/0000 2-10016/1001	03/10/76	90	5758	2719N	09904W	43.3	126.3	GGGG			29	41
2413-16224	00000/0000 2-10016/1002	03/10/76	90	5758	2554N	09927W	43.9	124.9	GGGG			29	42
2413-17591	00000/0000 2-10017/0019	03/10/76	90	5759	4842N	11740W	31.2	143.9	GGGG			47	26
2413-17594	00000/0000 2-10017/0020	03/10/76	90	5759	4717N	11816W	32.1	142.9	GGGG			47	27
2413-18000	00000/0000 2-10017/0021	03/10/76	70	5759	4552N	11851W	33.0	141.8	GGGG			47	28
2413-18003	00000/0000 2-10017/0022	03/10/76	40	5759	4427N	11924W	34.0	140.7	GGGG			47	29
2413-18005	00000/0000 2-10017/0023	03/10/76	0	5759	4302N	11956W	34.8	139.6	GGGG			47	30
2413-18012	00000/0000 2-10017/0024	03/10/76	0	5759	4137N	12027W	35.7	138.5	GGGF			47	31
2413-18014	00000/0000 2-10017/0025	03/10/76	10	5759	4011N	12057W	36.6	137.4	GGGG			47	32
2413-18021	00000/0000 2-10017/0026	03/10/76	40	5759	3846N	12126W	37.4	136.3	GGGG			47	33
2413-18023	00000/0000 2-10017/0027	03/10/76	70	5759	3720N	12154W	38.2	135.1	GGGG			47	34
2413-18030	00000/0000 2-10017/0028	03/10/76	90	5759	3555N	12221W	39.0	133.9	GGG			47	35
2413-18032	00000/0000 2-10017/0029	03/10/76	100	5759	3429N	12248W	39.8	132.7	GGGG			47	36
2413-21190	00000/0000 2-10016/1003	03/10/76	50	5761	7032N	15128W	15.1	165.5	GGGG			83	10
2413-21193	00000/0000 2-10016/1004	03/10/76	80	5761	6915N	15329W	16.1	163.4	GGGG			83	11
2413-21195	00000/0000 2-10016/1005	03/10/76	40	5761	6756N	15517W	17.2	161.5	GGGG			83	12
2413-21202	00000/0000 2-10016/1006	03/10/76	10	5761	6637N	15653W	18.2	159.8	GGGG			83	13
2413-21204	00000/0000 2-10016/1007	03/10/76	10	5761	6517N	15821W	19.3	158.2	GGGG			83	14
2413-21211	00000/0000 2-10016/1008	03/10/76	10	5761	6355N	15941W	20.3	156.7	GGGG			83	15
2413-21213	00000/0000 2-10016/1009	03/10/76	0	5761	6235N	16053W	21.4	155.4	GGGG			83	16
2413-21220	00000/0000 2-10016/1010	03/10/76	0	5761	6113N	16201W	22.4	154.0	GGGG			83	17
2413-21222	00000/0000 2-10016/1011	03/10/76	0	5761	5951N	16303W	23.4	152.8	GGGG			83	18
2413-21225	00000/0000 2-10016/1012	03/10/76	0	5761	5828N	16400W	24.4	151.6	GGGG			83	19
2413-21231	00000/0000 2-10016/1013	03/10/76	0	5761	5705N	16453W	25.4	150.4	GGGG			83	20
2413-21234	00000/0000 2-10016/1014	03/10/76	0	5761	5541N	16542W	26.4	149.3	GGGF			83	21

KEYS: CL:CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 005A

OBSERVATION ID	MICROFILM POSITION IN RBLI RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH- NUMBER	FRAME ROW NUMBER
2413-21240	00000/0000	2-10016/1015	03/10/76	0	5761	54.8N	16630W	27.4	148.2	GGGG		83	22
2413-21243	00000/0000	2-10016/1016	03/10/76	10	5761	52.4N	16715W	28.4	147.1	GGGG		83	23
2414-14385	00000/0000	2-10016/1019	03/11/76	100	5771	47.2N	06801W	32.4	142.8	GG F		12	27
2414-14391	00000/0000	2-10016/1020	03/11/76	100	5771	45.5N	06836W	33.3	141.8	GGFF		12	28
2414-14394	00000/0000	2-10016/1021	03/11/76	90	5771	44.3N	06910W	34.2	140.7	GGGF		12	29
2414-14400	00000/0000	2-10016/1017	03/11/76	90	5771	43.7N	06942W	35.1	139.6	G GG		12	30
2414-14403	00000/0000	2-10016/1018	03/11/76	90	5771	41.4N	07013W	36.0	138.5	G GG		12	31
2414-14405	00000/0000	2-10016/1022	03/11/76	90	5771	40.1N	07043W	36.8	137.3	GPFG		12	32
2414-14412	00000/0000	2-10016/1023	03/11/76	80	5771	38.2N	07112W	37.7	136.2	GGGG		12	33
2414-14414	00000/0000	2-10016/1024	03/11/76	40	5771	37.2N	07140W	38.5	135.0	GGGG		12	34
2414-14421	00000/0000	2-10016/1025	03/11/76	30	5771	36.0N	07207W	39.3	133.8	GGGG		12	35
2414-16214	00000/0000	2-10016/1026	03/11/76	100	5772	48.4N	09316W	31.5	143.9	FFFG		30	26
2414-16220	00000/0000	2-10016/1027	03/11/76	100	5772	47.2N	09352W	32.4	142.8	FFFG		30	27
2414-16223	00000/0000	2-10016/1028	03/11/76	100	5772	45.5N	09427W	33.3	141.7	FGGG		30	28
2414-16225	00000/0000	2-10016/1029	03/11/76	90	5772	44.3N	09501W	34.2	140.7	GGGG		30	29
2414-16232	00000/0000	2-10016/1030	03/11/76	90	5772	43.0N	09533W	35.1	139.6	GGFG		30	30
2414-16234	00000/0000	2-10016/1031	03/11/76	100	5772	41.4N	09604W	36.0	138.4	GGFG		30	31
2414-16241	00000/0000	2-10016/1032	03/11/76	100	5772	40.1N	09633W	36.9	137.3	GFFF		30	32
2414-16243	00000/0000	2-10016/1033	03/11/76	90	5772	38.5N	09702W	37.7	136.2	FFFG		30	33
2414-16250	00000/0000	2-10016/1034	03/11/76	90	5772	37.2N	09731W	38.5	135.0	GGGF		30	34
2414-16252	00000/0000	2-10016/1035	03/11/76	80	5772	36.0N	09758W	39.3	133.8	FGGF		30	35
2414-16255	00000/0000	2-10016/1036	03/11/76	90	5772	34.3N	09825W	40.1	132.6	GGFG		30	36
2414-16261	00000/0000	2-10016/1037	03/11/76	90	5772	33.0N	09851W	40.8	131.3	FGFF		30	37
2414-16270	00000/0000	2-10016/1038	03/11/76	100	5772	30.1N	09940W	42.3	128.8	FFGG		30	39
2414-16273	00000/0000	2-10016/1039	03/11/76	100	5772	28.5N	10005W	42.9	127.4	GGGF		30	40
2414-16275	00000/0000	2-10016/1040	03/11/76	80	5772	27.2N	10028W	43.6	126.0	GGFG		30	41
2414-16282	00000/0000	2-10016/1041	03/11/76	30	5772	25.5N	10051W	44.2	124.7	FGGG		30	42
2414-18061	00000/0000	2-10016/1167	03/11/76	50	5773	44.3N	12047W	34.3	140.6	GGGG		48	29
2414-18063	00000/0000	2-10016/1168	03/11/76	10	5773	43.0N	12119W	35.2	139.5	GGGG		48	30
2414-18070	00000/0000	2-10016/1169	03/11/76	10	5773	41.4N	12150W	36.0	138.4	GGGG		48	31
2414-18072	00000/0000	2-10016/1170	03/11/76	0	5773	40.1N	12220W	36.9	137.3	GGGG		48	32
2414-18075	00000/0000	2-10016/1171	03/11/76	10	5773	38.5N	12249W	37.7	136.1	GGFG		48	33
2414-18081	00000/0000	2-10016/1172	03/11/76	10	5773	37.2N	12318W	38.5	135.0	GGGG		48	34
2414-21244	00000/0000	2-10016/1042	03/11/76	10	5775	7037N	15249W	15.4	165.6	GGGG		84	10
2414-21251	00000/0000	2-10016/1043	03/11/76	30	5775	6920N	15450W	16.5	163.5	GGGG		84	11
2414-21253	00000/0000	2-10016/1044	03/11/76	90	5775	6802N	15638W	17.5	161.6	GGGG		84	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0059

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO., IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2414-21260	00000/0000	2-10016/1045	03/11/76	90	5775	6642N	15816W	18.6	159.9	GGGG			84	13
2414-21262	00000/0000	2-10016/1046	03/11/76	80	5775	6523N	15944W	19.6	158.3	GGGG			84	14
2414-21265	00000/0000	2-10016/1047	03/11/76	90	5775	6402N	16103W	20.7	156.8	GGGG			84	15
2414-21271	00000/0000	2-10016/1048	03/11/76	100	5775	6241N	16216W	21.7	155.4	PGGG			84	16
2414-21274	00000/0000	2-10016/1049	03/11/76	100	5775	6118N	16323W	22.7	154.1	GGGG			84	17
2414-21280	00000/0000	2-10016/1050	03/11/76	90	5775	5955N	16425W	23.8	152.8	GGGG			84	18
2414-21283	00000/0000	2-10016/1051	03/11/76	80	5775	5833N	16523W	24.8	151.6	GGGG			84	19
2414-21285	00000/0000	2-10016/1052	03/11/76	100	5775	5710N	16616W	25.8	150.5	GGGG			84	20
2414-21292	00000/0000	2-10016/1053	03/11/76	100	5775	5546N	16707W	26.8	149.3	GGGG			84	21
2414-21294	00000/0000	2-10016/1054	03/11/76	100	5775	5423N	16754W	27.8	148.2	GGGG			84	22
2414-21301	00000/0000	2-10016/1055	03/11/76	100	5775	5259N	16840W	28.7	147.1	GGGG			84	23
2414-21303	00000/0000	2-10016/1056	03/11/76	100	5775	5135N	16923W	29.7	146.0	GGGG			84	24
2415-14443	00000/0000	2-10016/1057	03/12/76	0	5785	4720N	06929W	32.8	142.7	GGGG			13	27
2415-14445	00000/0000	2-10016/1058	03/12/76	0	5785	4555N	07004W	33.7	141.6	GGGG			13	28
2415-14452	00000/0000	2-10016/1059	03/12/76	0	5785	4430N	07038W	34.6	140.5	GGGG			13	29
2415-14454	00000/0000	2-10016/1060	03/12/76	0	5785	4305N	07110W	35.5	139.4	GGGG			13	30
2415-14461	00000/0000	2-10016/1061	03/12/76	0	5785	4140N	07141W	36.4	138.3	FGGG			13	31
2415-14463	00000/0000	2-10016/1062	03/12/76	10	5785	4014N	07211W	37.2	137.1	GGG			13	32
2415-14470	00000/0000	2-10016/1063	03/12/76	10	5785	3849N	07241W	38.0	136.0	GGG			13	33
2415-14472	00000/0000	2-10016/1064	03/12/76	10	5785	3723N	07309W	38.9	134.8	FGGG			13	34
2415-14475	00000/0000	2-10016/1065	03/12/76	20	5785	3558N	07336W	39.7	133.6	GGGG			13	35
2415-14481	00000/0000	2-10016/1066	03/12/76	40	5785	3432N	07402W	40.4	132.3	GGGG			13	36
2415-14484	00000/0000	2-10016/1067	03/12/76	50	5785	3307N	07428W	41.2	131.1	GGGG			13	37
2415-14490	00000/0000	2-10016/1068	03/12/76	50	5785	3141N	07453W	41.9	129.8	GGGG			13	38
2415-16272	00000/0000	2-10016/1138	03/12/76	70	5786	4845N	09441W	31.9	143.8	GGGG			31	26
2415-16274	00000/0000	2-10016/1139	03/12/76	60	5786	4720N	09517W	32.8	142.7	GGGG			31	27
2415-16281	00000/0000	2-10016/1140	03/12/76	90	5786	4555N	09552W	33.7	141.6	GGGG			31	28
2415-16283	00000/0000	2-10016/1141	03/12/76	100	5786	4431N	09626W	34.6	140.5	GGGG			31	29
2415-16290	00000/0000	2-10016/1142	03/12/76	100	5786	4306N	09658W	35.5	139.4	GGGG			31	30
2415-16292	00000/0000	2-10016/1143	03/12/76	100	5786	4140N	09729W	36.4	138.2	GGGG			31	31
2415-16295	00000/0000	2-10016/1144	03/12/76	90	5786	4015N	09759W	37.2	137.1	GGGG			31	32
2415-16301	00000/0000	2-10016/1145	03/12/76	20	5786	3850N	09828W	38.1	135.9	GGGG			31	33
2415-16304	00000/0000	2-10016/1146	03/12/76	20	5786	3724N	09856W	38.9	134.7	GGGG			31	34
2415-16310	00000/0000	2-10016/1147	03/12/76	50	5786	3558N	09923W	39.7	133.5	GGGG			31	35
2415-16313	00000/0000	2-10016/1148	03/12/76	10	5786	3432N	09950W	40.4	132.3	GGGG			31	36
2415-16315	00000/0000	2-10016/1149	03/12/76	10	5786	3306N	10016W	41.2	131.0	FGGG			31	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0060

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2415-16322	00000/0000	2-10016/1150	03/12/76	40	5786	3140N	10041W	41.9	129.7	GGGG			31	38
2415-16324	00000/0000	2-10016/1151	03/12/76	20	5786	3014N	10106W	42.6	128.4	GGGG			31	39
2415-16331	00000/0000	2-10016/1152	03/12/76	10	5786	2849N	10131W	43.3	127.1	GGGG			31	40
2415-16333	00000/0000	2-10016/1153	03/12/76	20	5786	2723N	10154W	43.9	125.7	GGGG			31	41
2415-18104	00000/0000	2-10016/1173	03/12/76	20	5787	4846N	12030W	31.9	143.8	GGGF			49	26
2415-18110	00000/0000	2-10016/1174	03/12/76	30	5787	4721N	12106W	32.9	142.7	GGGF			49	27
2415-18113	00000/0000	2-10016/1175	03/12/76	10	5787	4556N	12141W	33.8	141.6	GGGG			49	28
2415-18115	00000/0000	2-10016/1176	03/12/76	10	5787	4431N	12214W	34.7	140.5	GGGG			49	29
2415-18122	00000/0000	2-10016/1177	03/12/76	0	5787	4306N	12246W	35.6	139.4	GGGG			49	30
2415-18124	00000/0000	2-10016/1178	03/12/76	0	5787	4141N	12317W	36.4	138.2	GGGG			49	31
2415-18131	00000/0000	2-10016/1179	03/12/76	0	5787	4015N	12347W	37.3	137.1	GGGG			49	32
2415-18133	00000/0000	2-10016/1180	03/12/76	0	5787	3850N	12417W	38.1	135.9	GGGG			49	33
2415-21300	00000/0000	2-10017/0030	03/12/76	10	5789	7154N	15151W	14.7	168.1	GF			85	9
2415-21303	00000/0000	2-10017/0031	03/12/76	10	5789	7038N	15408W	15.8	165.7	FGFG			85	10
2415-21305	00000/0000	2-10017/0032	03/12/76	10	5789	6921N	15610W	16.8	163.6	FGGF			85	11
2415-21312	00000/0000	2-10017/0033	03/12/76	70	5789	6803N	15759W	17.9	161.7	FFGG			85	12
2415-21314	00000/0000	2-10017/0034	03/12/76	90	5789	6644N	15937W	19.0	159.9	FFGG			85	13
2415-21321	00000/0000	2-10017/0035	03/12/76	70	5789	6523N	16107W	20.0	158.3	FGGG			85	14
2415-21323	00000/0000	2-10017/0036	03/12/76	40	5789	6403N	16227W	21.0	156.8	GGGG			85	15
2415-21330	00000/0000	2-10017/0037	03/12/76	30	5789	6242N	16340W	22.1	155.4	GGGG			85	16
2415-21332	00000/0000	2-10017/0038	03/12/76	10	5789	6119N	16448W	23.1	154.1	GGGG			85	17
2415-21341	00000/0000	2-10017/0039	03/12/76	10	5789	5834N	16648W	25.1	151.6	FGGG			85	19
2415-21344	00000/0000	2-10017/0040	03/12/76	30	5789	5712N	16741W	26.2	150.4	FGGG			85	20
2415-21350	00000/0000	2-10017/0041	03/12/76	60	5789	5549N	16831W	27.1	149.3	GGGG			85	21
2415-21353	00000/0000	2-10017/0042	03/12/76	40	5789	5425N	16918W	28.1	148.2	GGGG			85	22
2415-21355	00000/0000	2-10017/0043	03/12/76	20	5789	5301N	17003W	29.1	147.0	GGGG			85	23
2415-21362	00000/0000	2-10017/0044	03/12/76	70	5789	5137N	17046W	30.1	145.9	GGGG			85	24
2416-14501	00000/0000	2-10016/1069	03/13/76	100	5799	4721N	07054W	33.2	142.6	GGGG			14	27
2416-14504	00000/0000	2-10016/1070	03/13/76	100	5799	4557N	07129W	34.1	141.5	GGGG			14	28
2416-14510	00000/0000	2-10016/1071	03/13/76	90	5799	4432N	07202W	35.0	140.4	GGGG			14	29
2416-14513	00000/0000	2-10016/1072	03/13/76	90	5799	4307N	07235W	35.9	139.2	GGGG			14	30
2416-14515	00000/0000	2-10016/1073	03/13/76	90	5799	4142N	07306W	36.7	138.1	GGGG			14	31
2416-14522	00000/0000	2-10016/1074	03/13/76	90	5799	4016N	07336W	37.6	136.9	GGGG			14	32
2416-14524	00000/0000	2-10016/1075	03/13/76	80	5799	3851N	07404W	38.4	135.8	GGGG			14	33
2416-14531	00000/0000	2-10016/1076	03/13/76	80	5799	3725N	07432W	39.2	134.6	GGGG			14	34
2416-14533	00000/0000	2-10016/1077	03/13/76	90	5799	3600N	07500W	40.0	133.3	GGGG			14	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0061

OBSERVATION ID	MICROFILM POSITION IN RBLI RBV	RBLI NR./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2416-14540	00000/0000	2-10016/1078	03/13/76	90	5799	3424N	07526W	40.8	132.1	GGGG			14	36
2416-14542	00000/0000	2-10016/1079	03/13/76	90	5799	3308N	07552W	41.5	130.8	GGGG			14	37
2416-14545	00000/0000	2-10016/1080	03/13/76	80	5799	3142N	07617W	42.2	129.5	GGGG			14	38
2416-14551	00000/0000	2-10016/1081	03/13/76	20	5799	3016N	07642W	42.9	128.2	GGG			14	39
2416-14554	00000/0000	2-10016/1082	03/13/76	10	5799	2851N	07706W	43.6	126.8	GG			14	40
2416-16330	00000/0000	2-10016/1106	03/13/76	80	5800	4846N	09607W	32.3	143.7	GGGG		H	32	26
2416-16333	00000/0000	2-10016/1107	03/13/76	40	5800	4722N	09643W	33.2	142.6	GGGG			32	27
2416-16335	00000/0000	2-10016/1108	03/13/76	30	5800	4557N	09718W	34.1	141.5	GGGG			32	28
2416-16342	00000/0000	2-10016/1109	03/13/76	40	5800	4432N	09752W	35.0	140.4	GGGG			32	29
2416-16344	00000/0000	2-10016/1110	03/13/76	30	5800	4307N	09824W	35.9	139.2	GGGG			32	30
2416-16351	00000/0000	2-10016/1111	03/13/76	10	5800	4142N	09856W	36.8	138.1	GGGG			32	31
2416-16353	00000/0000	2-10016/1112	03/13/76	0	5800	4016N	09926W	37.6	136.9	GGGG			32	32
2416-16360	00000/0000	2-10016/1113	03/13/76	0	5800	3851N	09955W	38.4	135.8	GGGG			32	33
2416-16362	00000/0000	2-10016/1114	03/13/76	0	5800	3725N	10023W	39.2	134.5	GGGG			32	34
2416-16365	00000/0000	2-10016/1115	03/13/76	0	5800	3600N	10050W	40.0	133.3	GGGG			32	35
2416-16371	00000/0000	2-10016/1116	03/13/76	40	5800	3434N	10116W	40.8	132.1	GGGG			32	36
2416-16374	00000/0000	2-10016/1117	03/13/76	80	5800	3308N	10142W	41.5	130.8	GGGG			32	37
2416-16380	00000/0000	2-10016/1118	03/13/76	90	5800	3142N	10208W	42.2	129.5	GGGG			32	38
2416-16383	00000/0000	2-10016/1119	03/13/76	50	5800	3017N	10233W	42.9	128.1	GGGG			32	39
2416-16385	00000/0000	2-10016/1120	03/13/76	30	5800	2851N	10257W	43.6	126.8	GGGG			32	40
2416-16392	00000/0000	2-10016/1121	03/13/76	60	5800	2724N	10320W	44.2	125.4	GGGG			32	41
2416-18162	00000/0000	2-10016/1083	03/13/76	40	5801	4848N	12154W	32.3	143.7	GGGG			50	26
2416-18164	00000/0000	2-10016/1084	03/13/76	50	5801	4723N	12231W	33.2	142.6	GGGG			50	27
2416-18171	00000/0000	2-10016/1085	03/13/76	60	5801	4558N	12306W	34.1	141.5	GGGG			50	28
2416-18173	00000/0000	2-10016/1086	03/13/76	100	5801	4433N	12340W	35.0	140.3	GGGG			50	29
2416-18180	00000/0000	2-10016/1087	03/13/76	90	5801	4307N	12412W	35.9	139.2	GGGG			50	30
2416-18182	00000/0000	2-10016/1088	03/13/76	90	5801	4142N	12444W	36.8	138.1	GGGG			50	31
2416-18185	00000/0000	2-10016/1089	03/13/76	80	5801	4017N	12514W	37.6	136.9	GGGG			50	32
2416-18191	00000/0000	2-10016/1090	03/13/76	80	5801	3852N	12543W	38.5	135.7	GGGG			50	33
2416-21361	00000/0000	2-10016/1154	03/13/76	10	5803	7037N	15539W	16.2	165.7	FFG			86	10
2416-21363	00000/0000	2-10016/1155	03/13/76	10	5803	6920N	15740W	17.3	163.6	GFG			86	11
2416-21370	00000/0000	2-10016/1136	03/13/76	30	5803	6801N	15928W	18.3	161.7	FFF			86	12
2416-21372	00000/0000	2-10016/1157	03/13/76	20	5803	6642N	16106W	19.4	159.9	FFF			86	13
2416-21375	00000/0000	2-10016/1158	03/13/76	50	5803	6522N	16233W	20.4	158.3	FFF			86	14
2416-21381	00000/0000	2-10016/1159	03/13/76	10	5803	6401N	16353W	21.5	156.8	GFG			86	15
2416-21393	00000/0000	2-10016/1160	03/13/76	10	5803	5955N	16715W	24.6	152.8	GFGG			86	18

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0062

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN ELEV°	SUN AZIM°	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2416-21395	00000/0000	2-10016/1161	03/13/76	10	5803	5833N	16813W	25.6	151.5	FFGG			86	19
2416-21402	00000/0000	2-10016/1162	03/13/76	70	5803	5710N	16907W	26.6	150.4	FFGG			86	20
2416-21404	00000/0000	2-10016/1163	03/13/76	70	5803	5546N	16958W	27.6	149.2	FFGG			86	21
2416-21411	00000/0000	2-10016/1164	03/13/76	70	5803	5423N	17046W	28.5	148.1	FFGG			86	22
2416-21413	00000/0000	2-10016/1165	03/13/76	80	5803	5259N	17131W	29.5	146.9	FFGG			86	23
2416-21420	00000/0000	2-10016/1166	03/13/76	90	5803	5135N	17215W	30.5	145.8	FFGG			86	24
2417-14555	00000/0000	2-10016/1181	03/14/76	10	5813	4724N	07217W	33.5	142.5	GGGG			15	27
2417-14562	00000/0000	2-10016/1182	03/14/76	10	5813	4559N	07253W	34.5	141.4	GGGG			15	28
2417-14564	00000/0000	2-10016/1183	03/14/76	10	5813	4433N	07327W	35.3	140.2	GGGG			15	29
2417-14571	00000/0000	2-10016/1184	03/14/76	10	5813	4308N	07400W	36.2	139.1	GGGG			15	30
2417-14573	00000/0000	2-10016/1185	03/14/76	10	5813	4143N	07432W	37.1	137.9	GGGG			15	31
2417-14580	00000/0000	2-10016/1186	03/14/76	0	5813	4017N	07502W	37.9	136.8	GGGG			15	32
2417-14582	00000/0000	2-10016/1187	03/14/76	10	5813	3852N	07531W	38.8	135.6	GG G			15	33
2417-14585	00000/0000	2-10016/1188	03/14/76	70	5813	3726N	07559W	39.6	134.4	GGGG			15	34
2417-14591	00000/0000	2-10016/1189	03/14/76	90	5813	3601N	07626W	40.3	133.1	GGGG			15	35
2417-14594	00000/0000	2-10016/1190	03/14/76	90	5813	3435N	07653W	41.1	131.9	FFGG			15	36
2417-15000	00000/0000	2-10016/1191	03/14/76	90	5813	3309N	07718W	41.8	130.6	GGGG			15	37
2417-15005	00000/0000	2-10016/1194	03/14/76	30	5813	3018N	07809W	43.2	127.9	GG			15	39
2417-15014	00000/0000	2-10016/1192	03/14/76	10	5813	2726N	07856W	44.5	125.1	GG G	H		15	41
2417-15023	00000/0000	2-10016/1193	03/14/76	30	5813	2434N	07943W	45.7	122.1	GGGG	H		15	43
2417-16384	00000/0000	2-10016/1122	03/14/76	0	5814	4848N	09732W	32.7	143.6	GGGG			33	26
2417-16391	00000/0000	2-10016/1123	03/14/76	10	5814	4723N	09809W	33.6	142.5	GGGG			33	27
2417-16393	00000/0000	2-10016/1124	03/14/76	20	5814	4558N	09844W	34.5	141.3	GGGG			33	28
2417-16400	00000/0000	2-10016/1125	03/14/76	50	5814	4433N	09917W	35.4	140.2	GGGG			33	29
2417-16402	00000/0000	2-10016/1126	03/14/76	70	5814	4308N	09950W	36.3	139.1	GGGG			33	30
2417-16405	00000/0000	2-10016/1127	03/14/76	90	5814	4143N	10021W	37.1	137.9	FFGG			33	31
2417-16411	00000/0000	2-10016/1128	03/14/76	90	5814	4018N	10051W	38.0	136.8	GGGG			33	32
2417-16414	00000/0000	2-10016/1129	03/14/76	80	5814	3852N	10120W	38.8	135.6	GGGG			33	33
2417-16420	00000/0000	2-10016/1130	03/14/76	70	5814	3726N	10148W	39.6	134.3	GGGG			33	34
2417-16423	00000/0000	2-10016/1131	03/14/76	30	5814	3600N	10215W	40.4	133.1	GGGG			33	35
2417-16425	00000/0000	2-10016/1132	03/14/76	0	5814	3435N	10242W	41.1	131.8	GGGG			33	36
2417-16432	00000/0000	2-10016/1133	03/14/76	0	5814	3310N	10308W	41.9	130.5	GGGG			33	37
2417-16434	00000/0000	2-10016/1134	03/14/76	0	5814	3144N	10333W	42.6	129.2	FFGG			33	38
2417-16441	00000/0000	2-10016/1135	03/14/76	10	5814	3018N	10358W	43.3	127.9	GGGG			33	39
2417-16443	00000/0000	2-10016/1136	03/14/76	30	5814	2852N	10422W	43.9	126.5	GGGG			33	40
2417-16450	00000/0000	2-10016/1137	03/14/76	50	5814	2726N	10446W	44.5	125.1	GGGG			33	41

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS = BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0063

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2417-18220	00000/0000	2-10016/1195	03/14/76	10	5815	4849N	12318W	32.7	143.6	GGGG			51	26
2417-18222	00000/0000	2-10016/1196	03/14/76	20	5815	4725N	12355W	33.6	142.5	GGGG			51	27
2417-18231	00000/0000	2-10016/1197	03/14/76	40	5815	4435N	12504W	35.4	140.2	GGGG			51	29
2417-18234	00000/0000	2-10016/1198	03/14/76	30	5815	4310N	12534W	36.3	139.1	GFFG			51	30
2417-21415	00000/0000	2-10016/1091	03/14/76	10	5817	7078N	15657W	16.6	165.8	GGGG			87	10
2417-21422	00000/0000	2-10016/1092	03/14/76	10	5817	6921N	15900W	17.6	163.6	GGGG			87	11
2417-21424	00000/0000	2-10016/1093	03/14/76	10	5817	6803N	16049W	18.7	161.7	GGGG			87	12
2417-21431	00000/0000	2-10016/1094	03/14/76	20	5817	6643N	16228W	19.8	160.0	GGGG			87	13
2417-21433	00000/0000	2-10016/1095	03/14/76	30	5817	6523N	16357W	20.8	158.3	GGGG			87	14
2417-21440	00000/0000	2-10016/1096	03/14/76	10	5817	6402N	16517W	21.9	156.8	GGGG			87	15
2417-21442	00000/0000	2-10016/1097	03/14/76	10	5817	6241N	16631W	22.9	155.4	GGGG			87	16
2417-21445	00000/0000	2-10016/1098	03/14/76	10	5817	6119N	16738W	23.9	154.0	GGGG			87	17
2417-21451	00000/0000	2-10016/1099	03/14/76	10	5817	5956N	16841W	24.9	152.8	GGGG			87	18
2417-21454	00000/0000	2-10016/1100	03/14/76	30	5817	5833N	16939W	25.9	151.5	GGGG			87	19
2417-21460	00000/0000	2-10016/1101	03/14/76	50	5817	5711N	17033W	27.0	150.3	GGGG			87	20
2417-21463	00000/0000	2-10016/1102	03/14/76	80	5817	5547N	17124W	27.9	149.2	GGGG			87	21
2417-21465	00000/0000	2-10016/1103	03/14/76	80	5817	5424N	17211W	28.9	148.0	GGGG			87	22
2417-21472	00000/0000	2-10016/1104	03/14/76	80	5817	5300N	17256W	29.9	146.9	GGGG			87	23
2417-21474	00000/0000	2-10016/1105	03/14/76	70	5817	5136N	17339W	30.9	145.8	GGGG			87	24
2418-15014	00000/0000	2-10017/0005	03/15/76	70	5827	4721N	07345W	34.0	142.3	GGGG			16	27
2418-15020	00000/0000	2-10017/0006	03/15/76	70	5827	4556N	07420W	34.9	141.2	GGGG			16	28
2418-15023	00000/0000	2-10017/0007	03/15/76	40	5827	4431N	07454W	35.8	140.1	GGGG			16	29
2418-15025	00000/0000	2-10017/0008	03/15/76	70	5827	4306N	07527W	36.6	138.9	GGGG			16	30
2418-15032	00000/0000	2-10017/0004	03/15/76	60	5827	4141N	07558W	37.5	137.7	G GG			16	31
2418-15034	00000/0000	2-10017/0009	03/15/76	40	5827	4016N	07627W	38.3	136.5	GGGG			16	32
2418-15041	00000/0000	2-10017/0010	03/15/76	40	5827	3850N	07656W	39.1	135.3	GFGG			16	33
2418-15043	00000/0000	2-10017/0011	03/15/76	0	5827	3724N	07725W	39.9	134.1	FGGG			16	34
2418-15050	00000/0000	2-10017/0012	03/15/76	70	5827	3559N	07752W	40.7	132.8	GGGG			16	35
2418-15052	00000/0000	2-10017/0013	03/15/76	90	5827	3433N	07819W	41.5	131.6	GGGG			16	36
2418-15055	00000/0000	2-10017/0014	03/15/76	100	5827	3307N	07845W	42.2	130.3	GGGG			16	37
2418-15064	00000/0000	2-10017/0015	03/15/76	50	5827	3015N	07935W	43.6	127.5	GGGG			16	39
2418-15070	00000/0000	2-10017/0016	03/15/76	50	5827	2849N	07959W	44.2	126.1	GGGG			16	40
2418-15073	00000/0000	2-10017/0017	03/15/76	40	5827	2724N	08023W	44.9	124.7	GGGG			16	41
2418-15082	00000/0000	2-10017/0018	03/15/76	40	5827	2432N	08109W	46.0	121.7	GGGG			16	43
2418-15440	00000/0000	2-10016/1199	03/15/76	0	5828	5010N	09821W	32.1	144.6	GGGG			34	25
2418-15443	00000/0000	2-10016/1200	03/15/76	0	5828	4845N	09900W	33.1	143.4	GGGG			34	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0064

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN FLV. AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUN ORBIT PATH NUMBER	FRAME ROW NUMBER
2418-16445	00000/0000	2-10016/1201	03/15/76	20	5828	4721N	09936W	34.0 142.3	GGGG		34	27
2418-16452	00000/0000	2-10016/1202	03/15/76	30	5828	4556N	10011W	34.9 141.2	GGGG		34	28
2418-16454	00000/0000	2-10016/1203	03/15/76	40	5828	4431N	10044W	35.8 140.0	GGGG		34	29
2418-16461	00000/0000	2-10016/1204	03/15/76	30	5828	4305N	10116W	36.7 138.9	GGGG		34	30
2418-16463	00000/0000	2-10016/1205	03/15/76	70	5828	4140N	10147W	37.5 137.7	GGGG		34	31
2418-16470	00000/0000	2-10016/1206	03/15/76	90	5828	4015N	10218W	38.4 136.5	GGGG		34	32
2418-16472	00000/0000	2-10016/1207	03/15/76	80	5828	3849N	10247W	39.2 135.3	GGGG		34	33
2418-16475	00000/0000	2-10016/1208	03/15/76	40	5828	3724N	10315W	40.0 134.1	GGGG		34	34
2418-16481	00000/0000	2-10016/1209	03/15/76	40	5828	3558N	10342W	40.7 132.8	GGGG		34	35
2418-16490	00000/0000	2-10016/1210	03/15/76	10	5828	3307N	10434W	42.2 130.2	GGGG		34	37
2418-16493	00000/0000	2-10016/1211	03/15/76	10	5828	3141N	10459W	42.9 128.9	GGGG		34	38
2418-16495	00000/0000	2-10016/1212	03/15/76	0	5828	3015N	10524W	43.6 127.5	GGGG		34	39
2418-16502	00000/0000	2-10016/1213	03/15/76	0	5828	2849N	10548W	44.3 126.1	GGGG		34	40
2418-18274	00000/0000	2-10017/0061	03/15/76	80	5829	4846N	12450W	33.1 143.4	GGGG		52	26
2418-18281	00000/0000	2-10017/0062	03/15/76	70	5829	4720N	12526W	34.0 142.3	GGGG		52	27
2418-18283	00000/0000	2-10017/0063	03/15/76	90	5829	4556N	12601W	34.9 141.2	GGGG		52	28
2418-21471	00000/0000	2-10017/0045	03/15/76	10	5831	7156N	15610W	15.9 168.2	PG G		88	9
2418-21473	00000/0000	2-10017/0046	03/15/76	10	5831	7040N	15829W	17.0 165.8	FGPG		88	10
2418-21480	00000/0000	2-10017/0047	03/15/76	10	5831	6922N	16031W	18.0 163.7	PGFG		88	11
2418-21482	00000/0000	2-10017/0048	03/15/76	80	5831	6804N	16220W	19.1 161.8	PFFG		88	12
2418-21485	00000/0000	2-10017/0049	03/15/76	40	5831	6644N	16357W	20.1 160.0	PGGG		88	13
2418-21491	00000/0000	2-10017/0050	03/15/76	10	5831	6524N	16525W	21.2 158.4	GGG		88	14
2418-21494	00000/0000	2-10017/0051	03/15/76	10	5831	6404N	16645W	22.2 156.8	GGG		88	15
2418-21500	00000/0000	2-10017/0052	03/15/76	10	5831	6243N	16758W	23.3 155.4	FGGG		88	16
2418-21503	00000/0000	2-10017/0053	03/15/76	10	5831	6121N	16906W	24.3 154.0	FFGF		88	17
2418-21505	00000/0000	2-10017/0054	03/15/76	10	5831	5958N	17008W	25.3 152.7	FGGG		88	18
2418-21512	00000/0000	2-10017/0055	03/15/76	30	5831	5835N	17106W	26.3 151.5	FGGG		88	19
2418-21514	00000/0000	2-10017/0056	03/15/76	70	5831	5712N	17200W	27.3 150.3	FGGG		88	20
2418-21521	00000/0000	2-10017/0057	03/15/76	80	5831	5548N	17251W	28.3 149.1	GGGG		88	21
2418-21523	00000/0000	2-10017/0058	03/15/76	90	5831	5424N	17339W	29.3 148.0	FGGG		88	22
2418-21530	00000/0000	2-10017/0059	03/15/76	100	5831	5300N	17424W	30.3 146.8	FGFG		88	23
2418-21532	00000/0000	2-10017/0060	03/15/76	100	5831	5136N	17507W	31.2 145.7	FFGG		88	24
2419-15065	00000/0000	2-10017/0065	03/16/76	30	5841	4847N	07435W	33.4 143.3	PGGG		17	26
2419-15072	00000/0000	2-10017/0066	03/16/76	80	5841	4722N	07512W	34.3 142.2	PGGG		17	27
2419-15074	00000/0000	2-10017/0067	03/16/76	80	5841	4557N	07547W	35.2 141.1	FGGG		17	28
2419-15081	00000/0000	2-10017/0068	03/16/76	100	5841	4432N	07620W	36.1 139.9	FGFG		17	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0065

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RSL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2419-15083	00000/0000	2-10017/0069	03/16/76	100	5841	4307N	07653W	37.0	138.7	FGGG			17	30
2419-15090	00000/0000	2-10017/0070	03/16/76	100	5841	4142N	07724W	37.9	137.6	FGGG			17	31
2419-15092	00000/0000	2-10017/0071	03/16/76	100	5841	4016N	07754W	38.7	136.4	FFFF			17	32
2419-15095	00000/0000	2-10017/0072	03/16/76	100	5841	3851N	07823W	39.5	135.1	FGG			17	33
2419-15101	00000/0000	2-10017/0073	03/16/76	100	5841	3725N	07851W	40.3	133.9	FGG			17	34
2419-15104	00000/0000	2-10017/0074	03/16/76	100	5841	3559N	07918W	41.1	132.6	FGGG			17	35
2419-15110	00000/0000	2-10017/0075	03/16/76	100	5841	3434N	07945W	41.8	131.3	FGGF			17	36
2419-15113	00000/0000	2-10017/0076	03/16/76	90	5841	3308N	08011W	42.5	130.0	GGG			17	37
2419-15115	00000/0000	2-10017/0077	03/16/76	70	5841	3142N	08036W	43.2	128.6	FGFG			17	38
2419-15112	00000/0000	2-10017/0078	03/16/76	70	5841	3016N	08101W	43.9	127.2	GGG			17	39
2419-15124	00000/0000	2-10017/0064	03/16/76	90	5841	2850N	08126W	44.6	125.8	F			17	40
2419-15131	00000/0000	2-10017/0079	03/16/76	80	5841	2724N	08150W	45.2	124.4	FGGG			17	41
2419-15133	00000/0000	2-10017/0080	03/16/76	50	5841	2558N	08213W	45.8	122.9	FGGG			17	42
2419-15140	00000/0000	2-10017/0081	03/16/76	30	5841	2431N	08236W	46.3	121.4	FFGG			17	43
2419-16501	00000/0000	2-10016/1214	03/16/76	10	5842	4848N	10022W	33.4	143.3	GGFG			35	26
2419-16503	00000/0000	2-10016/1215	03/16/76	30	5842	4723N	10058W	34.4	142.2	GGGG			35	27
2419-16510	00000/0000	2-10016/1216	03/16/76	70	5842	4558N	10134W	35.3	141.1	GFGG			35	28
2419-16512	00000/0000	2-10016/1217	03/16/76	80	5842	4432N	10207W	36.2	139.9	GGFG			35	29
2419-16515	00000/0000	2-10016/1218	03/16/76	90	5842	4307N	10239W	37.0	138.7	GGGG			35	30
2419-16521	00000/0000	2-10016/1219	03/16/76	40	5842	4142N	10311W	37.9	137.6	GGFG			35	31
2419-16524	00000/0000	2-10016/1220	03/16/76	40	5842	4016N	10341W	38.7	136.4	GGFG			35	32
2419-16530	00000/0000	2-10016/1221	03/16/76	30	5842	3851N	10410W	39.5	135.1	GGGG			35	33
2419-16533	00000/0000	2-10016/1222	03/16/76	20	5842	3725N	10439W	40.3	133.9	GGGG			35	34
2419-16535	00000/0000	2-10016/1223	03/16/76	10	5842	3559N	10506W	41.1	132.6	GGGG			35	35
2419-16544	00000/0000	2-10016/1224	03/16/76	0	5842	3308N	10558W	42.6	130.0	GGGG			35	37
2419-16551	00000/0000	2-10016/1225	03/16/76	0	5842	3142N	10624W	43.3	128.6	FGGG			35	38
2419-16553	00000/0000	2-10016/1226	03/16/76	0	5842	3016N	10649W	43.9	127.2	GGGG			35	39
2419-18332	00000/0000	2-10017/0098	03/16/76	100	5843	4846N	12613W	33.5	143.3	G FF			53	26
2419-21525	00000/0000	2-10017/0082	03/16/76	20	5845	7157N	15730W	16.3	168.3	GGG			89	9
2419-21532	00000/0000	2-10017/0083	03/16/76	40	5845	7041N	15948W	17.3	165.9	FGGG			89	10
2419-21534	00000/0000	2-10017/0084	03/16/76	30	5845	6924N	16151W	18.4	163.8	GGGG			89	11
2419-21541	00000/0000	2-10017/0085	03/16/76	10	5845	6805N	16341W	19.5	161.8	GGGG			89	12
2419-21543	00000/0000	2-10017/0086	03/16/76	10	5845	6646N	16519W	20.5	160.0	GGGG			89	13
2419-21550	00000/0000	2-10017/0087	03/16/76	10	5845	6525N	16648W	21.6	158.4	GGGG			89	14
2419-21552	00000/0000	2-10017/0088	03/16/76	20	5845	6404N	16808W	22.6	156.9	GGGG			89	15
2419-21555	00000/0000	2-10017/0089	03/16/76	30	5845	6243N	16922W	23.7	155.4	GGGG			89	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0066

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2419-21561	00000/0000	2-10017/0090	03/16/76	30	5845	6121N	17030W	24.7	154.0	GGGG			89	17
2419-21564	00000/0000	2-10017/0091	03/16/76	30	5845	5959N	17133W	25.7	152.7	GGGG			89	18
2419-21570	00000/0000	2-10017/0092	03/16/76	50	5845	5836N	17232W	26.7	151.5	GGGG			89	19
2419-21573	00000/0000	2-10017/0093	03/16/76	80	5845	5713N	17326W	27.7	150.3	GGGG			89	20
2419-21575	00000/0000	2-10017/0094	03/16/76	90	5845	5550N	17416W	28.7	149.1	GGGG			89	21
2419-21582	00000/0000	2-10017/0095	03/16/76	90	5845	5426N	17504W	29.7	147.9	GGGG			89	22
2419-21584	00000/0000	2-10017/0096	03/16/76	90	5845	5302N	17548W	30.7	146.7	GGGG			89	23
2419-21591	00000/0000	2-10017/0097	03/16/76	70	5845	5138N	17631W	31.6	145.6	GGGG			89	24
2420-15123	00000/0000	2-10017/0099	03/17/76	10	5855	4848N	07600W	33.8	143.2	GGGG			18	26
2420-15130	00000/0000	2-10017/0100	03/17/76	10	5855	4723N	07636W	34.7	142.1	GGGG			18	27
2420-15132	00000/0000	2-10017/0101	03/17/76	10	5855	4558N	07711W	35.6	140.9	GGGG			18	28
2420-15135	00000/0000	2-10017/0102	03/17/76	10	5855	4433N	07745W	36.5	139.8	GGGG			18	29
2420-15141	00000/0000	2-10017/0103	03/17/76	30	5855	4308N	07818W	37.4	138.6	GGGG			18	30
2420-15144	00000/0000	2-10017/0104	03/17/76	50	5855	4142N	07849W	38.2	137.4	GGGG			18	31
2420-15150	00000/0000	2-10017/0105	03/17/76	50	5855	4017N	07919W	39.0	136.2	GGGG			18	32
2420-15153	00000/0000	2-10017/0106	03/17/76	60	5855	3852N	07948W	39.9	134.9	GGGG			18	33
2420-15155	00000/0000	2-10017/0107	03/17/76	40	5855	3726N	08016W	40.6	133.7	GGGG			18	34
2420-15162	00000/0000	2-10017/0108	03/17/76	10	5855	3600N	08044W	41.4	132.4	GGGG			18	35
2420-15164	00000/0000	2-10017/0109	03/17/76	10	5855	3435N	08110W	42.2	131.1	GGGG			18	36
2420-15171	00000/0000	2-10017/0110	03/17/76	0	5855	3309N	08136W	42.9	129.7	PPPP			18	37
2420-15173	00000/0000	2-10017/0111	03/17/76	0	5855	3143N	08201W	43.6	128.4	GGGG			18	38
2420-15180	00000/0000	2-10017/0112	03/17/76	0	5855	3017N	08226W	44.2	126.9	GGGG			18	39
2420-15182	00000/0000	2-10017/0113	03/17/76	0	5855	2851N	08250W	44.9	125.5	GGGG			18	40
2420-15185	00000/0000	2-10017/0114	03/17/76	10	5855	2725N	08314W	45.5	124.0	GGGG			18	41
2420-15191	00000/0000	2-10017/0115	03/17/76	40	5855	2558N	08337W	46.1	122.5	GGGG			18	42
2420-15194	00000/0000	2-10017/0116	03/17/76	70	5855	2433N	08400W	46.6	121.0	GGGG			18	43
2420-16555	00000/0000	2-10017/0176	03/17/76	80	5856	4848N	10150W	33.8	143.2	FGGG			36	26
2420-16562	00000/0000	2-10017/0177	03/17/76	50	5856	4723N	10226W	34.7	142.1	FGGG			36	27
2420-16564	00000/0000	2-10017/0178	03/17/76	20	5856	4558N	10300W	35.6	140.9	GGGG			36	28
2420-16571	00000/0000	2-10017/0179	03/17/76	30	5856	4433N	10333W	36.5	139.8	FGGG			36	29
2420-16573	00000/0000	2-10017/0180	03/17/76	50	5856	4308N	10406W	37.4	138.6	GGGG			36	30
2420-16580	00000/0000	2-10017/0181	03/17/76	80	5856	4143N	10438W	38.2	137.4	GGGG			36	31
2420-16582	00000/0000	2-10017/0182	03/17/76	50	5856	4017N	10508W	39.1	136.2	GGGG			36	32
2420-16585	00000/0000	2-10017/0183	03/17/76	20	5856	3851N	10537W	39.9	134.9	GGGG			36	33
2420-16591	00000/0000	2-10017/0184	03/17/76	10	5856	3726N	10605W	40.7	133.7	GGGG			36	34
2420-16594	00000/0000	2-10017/0185	03/17/76	10	5856	3600N	10633W	41.4	132.4	GGGG			36	35

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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0067

OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER	
2420-17000	00000/0000	2-10017/0186	03/17/76	10	5856	3434N	10659W	42.2	131.1	GGGG		36	36
2420-17003	00000/0000	2-10017/0187	03/17/76	10	5856	3309N	10725W	42.9	129.7	GGGG		36	37
2420-17005	00000/0000	2-10017/0188	03/17/76	0	5856	3143N	10751W	43.6	128.3	GGGG		36	38
2420-17012	00000/0000	2-10017/0189	03/17/76	10	5856	3017N	10816W	44.3	126.9	GGGG		36	39
2420-17014	00000/0000	2-10017/0190	03/17/76	0	5856	2851N	10840W	44.9	125.5	GGGG		36	40
2420-21583	00000/0000	2-10017/0117	03/17/76	10	5859	7154N	15902W	16.7	168.3	GGGG		90	9
2420-21590	00000/0000	2-10017/0118	03/17/76	10	5859	7039N	16119W	17.8	165.9	GGFG		90	10
2420-21592	00000/0000	2-10017/0119	03/17/76	10	5859	6921N	16321W	18.8	163.7	GGGG		90	11
2420-21595	00000/0000	2-10017/0120	03/17/76	10	5859	6802N	16510W	19.9	161.8	GGGG		90	12
2420-22001	00000/0000	2-10017/0121	03/17/76	0	5859	6643N	16649W	21.0	160.0	GGGG		90	13
2420-22004	00000/0000	2-10017/0122	03/17/76	10	5859	6523N	16817W	22.0	158.3	GGGG		90	14
2420-22010	00000/0000	2-10017/0123	03/17/76	10	5859	6402N	16937W	23.1	156.8	GGGG		90	15
2420-22013	00000/0000	2-10017/0124	03/17/76	10	5859	6241N	17051W	24.1	155.4	GGGG		90	16
2420-22015	00000/0000	2-10017/0125	03/17/76	10	5859	6119N	17159W	25.1	154.0	GGGG		90	17
2420-22022	00000/0000	2-10017/0126	03/17/76	20	5859	5957N	17302W	26.1	152.7	GGGG		90	18
2420-22024	00000/0000	2-10017/0127	03/17/76	30	5859	5834N	17400W	27.2	151.4	GGGG		90	19
2420-22031	00000/0000	2-10017/0128	03/17/76	90	5859	5710N	17455W	28.2	150.2	GGGG		90	20
2420-22033	00000/0000	2-10017/0129	03/17/76	90	5859	5547N	17545W	29.1	149.0	GGGG		90	21
2420-22040	00000/0000	2-10017/0130	03/17/76	70	5859	5423N	17632W	30.1	147.8	GGGG		90	22
2420-22042	00000/0000	2-10017/0131	03/17/76	70	5859	5300N	17716W	31.1	146.6	GGGG		90	23
2420-22045	00000/0000	2-10017/0132	03/17/76	50	5859	5136N	17758W	32.0	145.5	GGFG		90	24
2421-15182	00000/0000	2-10017/0207	03/18/76	0	5869	4850N	07724W	34.2	143.1	GGGG		19	26
2421-15184	00000/0000	2-10017/0208	03/18/76	10	5869	4725N	07801W	35.1	142.0	GGGG		19	27
2421-15193	00000/0000	2-10017/0209	03/18/76	50	5869	4434N	07911W	36.9	139.6	GGGG		19	29
2421-17013	00000/0000	2-10017/0148	03/18/76	0	5870	4849N	10315W	34.2	143.1	GGGG		37	26
2421-17020	00000/0000	2-10017/0149	03/18/76	0	5870	4724N	10352W	35.1	142.0	GGGG		37	27
2421-17022	00000/0000	2-10017/0150	03/18/76	10	5870	4558N	10427W	36.0	140.8	GGGG		37	28
2421-17025	00000/0000	2-10017/0151	03/18/76	10	5870	4434N	10500W	36.9	139.6	GGGG		37	29
2421-17031	00000/0000	2-10017/0152	03/18/76	10	5870	4309N	10533W	37.8	138.4	GGGG		37	30
2421-17034	00000/0000	2-10017/0153	03/18/76	10	5870	4144N	10604W	38.6	137.2	GGGG		37	31
2421-17040	00000/0000	2-10017/0154	03/18/76	10	5870	4019N	10634W	39.4	136.0	GGGG		37	32
2421-17043	00000/0000	2-10017/0155	03/18/76	10	5870	3853N	10703W	40.2	134.7	GGGG		37	33
2421-17045	00000/0000	2-10017/0156	03/18/76	0	5870	3727N	10732W	41.0	133.4	GGGG		37	34
2421-17052	00000/0000	2-10017/0157	03/18/76	0	5870	3601N	10759W	41.8	132.1	GGGG		37	35
2421-17054	00000/0000	2-10017/0158	03/18/76	0	5870	3435N	10825W	42.5	130.8	GGGG		37	36
2421-17061	00000/0000	2-10017/0159	03/18/76	0	5870	3310N	10851W	43.2	129.4	GGGG		37	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0068

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN RST MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2421-17063	00000/0000	2-10017/0160	03/18/76	10	5870	3143N	10917W	43.9	128.0	GGGG			37	38
2421-17070	00000/0000	2-10017/0161	03/18/76	10	5870	3018N	10942W	44.6	126.6	GGF			37	39
2421-22042	00000/0000	2-10017/0133	03/18/76	10	5873	7155N	16027W	17.1	168.3	GGGG			91	9
2421-22044	00000/0000	2-10017/0134	03/18/76	20	5873	7039N	16245W	18.2	165.9	GGFG			91	10
2421-22051	00000/0000	2-10017/0135	03/18/76	20	5873	6922N	16447W	19.2	163.8	GGGG			91	11
2421-22053	00000/0000	2-10017/0136	03/18/76	10	5873	6803N	16636W	20.3	161.8	GGGG			91	12
2421-22060	00000/0000	2-10017/0137	03/18/76	10	5873	6644N	16814W	21.4	160.0	GGGG			91	13
2421-22062	00000/0000	2-10017/0138	03/18/76	30	5873	6524N	16942W	22.4	158.4	GGGG			91	14
2421-22065	00000/0000	2-10017/0139	03/18/76	30	5873	6403N	17102W	23.4	156.8	GGGG			91	15
2421-22071	00000/0000	2-10017/0140	03/18/76	20	5873	6242N	17215W	24.5	155.4	GGGG			91	16
2421-22074	00000/0000	2-10017/0141	03/18/76	10	5873	6120N	17322W	25.5	154.0	GGGG			91	17
2421-22080	00000/0000	2-10017/0142	03/18/76	10	5873	5958N	17425W	26.5	152.7	GGGG			91	18
2421-22083	00000/0000	2-10017/0143	03/18/76	20	5873	5835N	17523W	27.5	151.4	GGGG			91	19
2421-22085	00000/0000	2-10017/0144	03/18/76	90	5873	5712N	17617W	28.5	150.1	GGGG			91	20
2421-22092	00000/0000	2-10017/0145	03/18/76	90	5873	5549N	17708W	29.5	148.9	GGGG			91	21
2421-22094	00000/0000	2-10017/0146	03/18/76	90	5873	5425N	17755W	30.5	147.7	GGGG			91	22
2421-22101	00000/0000	2-10017/0147	03/18/76	90	5873	5301N	17839W	31.5	146.6	GGGG			91	23
2422-15240	00000/0000	2-10017/0210	03/19/76	100	5883	4846N	07853W	34.6	143.0	GGGG			20	26
2422-15242	00000/0000	2-10017/0211	03/19/76	100	5883	4722N	07929W	35.5	141.8	GGGG			20	27
2422-15251	00000/0000	2-10017/0212	03/19/76	30	5883	4432N	08037W	37.3	139.4	GGGG			20	29
2422-15254	00000/0000	2-10017/0213	03/19/76	40	5883	4307N	08110W	38.1	138.2	GGGG			20	30
2422-15260	00000/0000	2-10017/0214	03/19/76	40	5883	4141N	08141W	39.0	137.0	GGGG			20	31
2422-15263	00000/0000	2-10017/0215	03/19/76	60	5883	4016N	08211W	39.8	135.8	GGGG			20	32
2422-15265	00000/0000	2-10017/0216	03/19/76	90	5883	3850N	08240W	40.6	134.5	GGGG			20	33
2422-15272	00000/0000	2-10017/0217	03/19/76	70	5883	3724N	08309W	41.4	133.2	GGGG			20	34
2422-15274	00000/0000	2-10017/0218	03/19/76	10	5883	3559N	08336W	42.1	131.9	GGGG			20	35
2422-15281	00000/0000	2-10017/0219	03/19/76	10	5883	3433N	08402W	42.9	130.5	GGGG			20	36
2422-15283	00000/0000	2-10017/0220	03/19/76	10	5883	3307N	08428W	43.6	129.1	GGGF			20	37
2422-15290	00000/0000	2-10017/0221	03/19/76	10	5883	3141N	08454W	44.3	127.7	GGGG			20	38
2422-15292	00000/0000	2-10017/0222	03/19/76	30	5883	3015N	08518W	44.9	126.3	GGGG			20	39
2422-15295	00000/0000	2-10017/0223	03/19/76	20	5883	2849N	08542W	45.5	124.8	GGGG			20	40
2422-15301	00000/0000	2-10017/0224	03/19/76	30	5883	2723N	08606W	46.1	123.3	GGGG			20	41
2422-17072	00000/0000	2-10017/0163	03/19/76	90	5884	4846N	10444W	34.6	143.0	GGGG			38	26
2422-17074	00000/0000	2-10017/0164	03/19/76	80	5884	4722N	10521W	35.5	141.8	GGGG			38	27
2422-17081	00000/0000	2-10017/0165	03/19/76	40	5884	4557N	10556W	36.4	140.6	GGFF			38	28
2422-17083	00000/0000	2-10017/0166	03/19/76	70	5884	4432N	10629W	37.3	139.4	GGGG			38	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0069

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT IMAGE LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SUN PATH NUMBER	FRAME RBN NUMBER
2422-17090	00000/0000	2-10017/0167	03/19/76	80	5884	4306N	10701W	38.2	138.2	GGGG			38	30
2422-17092	00000/0000	2-10017/0168	03/19/76	80	5884	4141N	10732W	39.0	137.0	GGGG			38	31
2422-17095	00000/0000	2-10017/0169	03/19/76	80	5884	4016N	10802W	39.8	135.8	GGGG			38	32
2422-17101	00000/0000	2-10017/0170	03/19/76	80	5884	3850N	10831W	40.6	134.5	GGGG			38	33
2422-17104	00000/0000	2-10017/0171	03/19/76	10	5884	3725N	10859W	41.4	133.2	GGGG			38	34
2422-17110	00000/0000	2-10017/0172	03/19/76	50	5884	3600N	10826W	42.2	131.9	GGGG			38	35
2422-17113	00000/0000	2-10017/0173	03/19/76	30	5884	3434N	10953W	42.9	130.5	GGGG			38	36
2422-17115	00000/0000	2-10017/0174	03/19/76	10	5884	3307N	11018W	43.6	129.1	GGGG			38	37
2422-17122	00000/0000	2-10017/0175	03/19/76	10	5884	3141N	11043W	44.3	127.7	GGGG			38	38
2422-17124	00000/0000	2-10017/0162	03/19/76	0	5884	3016N	11108W	44.9	126.3	G			38	39
2422-22102	00000/0000	2-10017/0278	03/19/76	10	5887	7040N	16408W	18.6	166.0	GGFG			92	10
2422-22105	00000/0000	2-10017/0279	03/19/76	30	5887	6923N	16609W	19.6	163.8	GGGG			92	11
2422-22111	00000/0000	2-10017/0280	03/19/76	40	5887	6805N	16758W	20.7	161.9	FFGG			92	12
2422-22114	00000/0000	2-10017/0281	03/19/76	90	5887	6646N	16936W	21.7	160.1	PGGG			92	13
2422-22120	00000/0000	2-10017/0282	03/19/76	50	5887	6526N	17105W	22.8	158.4	FGFG			92	14
2422-22123	00000/0000	2-10017/0283	03/19/76	50	5887	6405N	17226W	23.8	156.8	FGGF			92	15
2422-22125	00000/0000	2-10017/0284	03/19/76	30	5887	6243N	17340W	24.9	155.4	FGGG			92	16
2422-22132	00000/0000	2-10017/0285	03/19/76	30	5887	6121N	17448W	25.9	154.0	GGGG			92	17
2422-22134	00000/0000	2-10017/0286	03/19/76	20	5887	5959N	17550W	26.9	152.6	GFGG			92	18
2422-22141	00000/0000	2-10017/0287	03/19/76	30	5887	5836N	17648W	27.9	151.4	FFGG			92	19
2422-22143	00000/0000	2-10017/0288	03/19/76	60	5887	5713N	17742W	28.9	150.1	GGGG			92	20
2422-22150	00000/0000	2-10017/0289	03/19/76	70	5887	5549N	17832W	29.9	148.9	GGGG			92	21
2422-22152	00000/0000	2-10017/0290	03/19/76	60	5887	5425N	17920W	30.9	147.7	GGGG			92	22
2422-22155	00000/0000	2-10017/0291	03/19/76	60	5887	5301N	17955E	31.9	146.5	GGFG			92	23
2422-22161	00000/0000	2-10017/0292	03/19/76	50	5887	5137N	17912E	32.8	145.3	GGGG			92	24
2423-15294	00000/0000	2-10017/0225	03/20/76	100	5897	4849N	08017W	35.0	142.9	F			21	26
2423-15301	00000/0000	2-10017/0226	03/20/76	100	5897	4724N	08053W	35.9	141.7	GFGG			21	27
2423-15303	00000/0000	2-10017/0227	03/20/76	90	5897	4588N	08129W	36.8	140.5	FGFG			21	28
2423-15310	00000/0000	2-10017/0228	03/20/76	80	5897	4433N	08203W	37.7	139.3	FGGF			21	29
2423-15312	00000/0000	2-10017/0229	03/20/76	90	5897	4308N	08235W	38.5	138.1	FFGG			21	30
2423-15315	00000/0000	2-10017/0230	03/20/76	60	5897	4143N	08306W	39.3	136.8	GGFG			21	31
2423-15321	00000/0000	2-10017/0231	03/20/76	70	5897	4017N	08336W	40.2	135.6	GGFG			21	32
2423-15324	00000/0000	2-10017/0232	03/20/76	60	5897	3852N	08405W	41.0	134.3	GGGG			21	33
2423-15330	00000/0000	2-10017/0233	03/20/76	40	5897	3726N	08434W	41.7	133.0	GFGG			21	34
2423-15333	00000/0000	2-10017/0234	03/20/76	90	5897	3600N	08501W	42.5	131.6	GFGG			21	35
2423-15335	00000/0000	2-10017/0235	03/20/76	90	5897	3435N	08528W	43.2	130.3	FGGF			21	36

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0070

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2423-15342	00000/0000	2-10017/0236	03/20/76	90	5897	3309N	08554W	43.9	128.9	GGFG		21	37
2423-15344	00000/0000	2-10017/0237	03/20/76	70	5897	3143N	08619W	44.6	127.4	FGGG		21	38
2423-15351	00000/0000	2-10017/0238	03/20/76	60	5897	3017N	08643W	45.2	126.0	GGGG		21	39
2423-15353	00000/0000	2-10017/0239	03/20/76	40	5897	2851N	08708W	45.9	124.5	GGG		21	40
2423-15360	00000/0000	2-10017/0240	03/20/76	20	5897	2725N	08732W	46.4	122.9	GGFF		21	41
2423-17130	00000/0000	2-10017/0265	03/20/76	70	5898	4848N	10608W	35.0	142.9	GGGG		39	26
2423-17132	00000/0000	2-10017/0266	03/20/76	40	5898	4723N	10645W	35.9	141.7	GGGG		39	27
2423-17135	00000/0000	2-10017/0267	03/20/76	30	5898	4558N	10720W	36.8	140.5	GGGG		39	28
2423-17141	00000/0000	2-10017/0268	03/20/76	10	5898	4432N	10754W	37.7	139.3	GGGG		39	29
2423-17144	00000/0000	2-10017/0269	03/20/76	10	5898	4307N	10826W	38.5	138.1	GGGG		39	30
2423-17150	00000/0000	2-10017/0270	03/20/76	10	5898	4142N	10857W	39.4	136.8	GGGG		39	31
2423-17153	00000/0000	2-10017/0271	03/20/76	10	5898	4016N	10927W	40.2	135.6	GGGG		39	32
2423-17155	00000/0000	2-10017/0272	03/20/76	0	5898	3851N	10956W	41.0	134.3	GGGG		39	33
2423-17162	00000/0000	2-10017/0273	03/20/76	0	5898	3726N	11024W	41.8	133.0	GGGG		39	34
2423-17164	00000/0000	2-10017/0274	03/20/76	0	5898	3601N	11052W	42.5	131.6	GGFG		39	35
2423-17173	00000/0000	2-10017/0275	03/20/76	0	5898	3308N	11144W	43.9	128.9	GGGG		39	37
2423-17182	00000/0000	2-10017/0276	03/20/76	0	5898	3142N	11209W	44.6	127.4	GGGG		39	38
2423-22163	00000/0000	2-10017/0277	03/20/76	0	5898	3016N	11234W	45.3	126.0	FFGG		39	39
2423-22165	00000/0000	2-10017/0262	03/20/76	10	5901	6925N	16736W	20.0	163.9	FGGG		93	11
2423-22172	00000/0000	2-10017/0263	03/20/76	20	5901	6806N	16925W	21.1	161.9	FGGG		93	12
2424-15352	00000/0000	2-10017/0293	03/21/76	30	5911	6647N	17103W	22.1	160.1	GGGG		93	13
2424-15355	00000/0000	2-10017/0294	03/21/76	70	5911	4849N	08144W	35.3	142.8	GGG		22	26
2424-15361	00000/0000	2-10017/0295	03/21/76	90	5911	4724N	08221W	36.3	141.6	GGG		22	27
2424-15364	00000/0000	2-10017/0296	03/21/76	90	5911	4559N	08257W	37.1	140.4	GGGG		22	28
2424-15370	00000/0000	2-10017/0297	03/21/76	80	5911	4434N	08330W	38.0	139.2	GGGG		22	29
2424-15373	00000/0000	2-10017/0298	03/21/76	90	5911	4308N	08403W	38.9	137.9	GGGG		22	30
2424-15375	00000/0000	2-10017/0299	03/21/76	90	5911	4143N	08434W	39.7	136.7	GGGG		22	31
2424-15382	00000/0000	2-10017/0300	03/21/76	90	5911	4018N	08504W	40.5	135.4	GGGG		22	32
2424-15391	00000/0000	2-10017/0301	03/21/76	60	5911	3852N	08533W	41.3	134.1	GGGG		22	33
2424-15393	00000/0000	2-10017/0302	03/21/76	10	5911	3601N	08628W	42.8	131.4	GGGG		22	35
2424-15400	00000/0000	2-10017/0303	03/21/76	10	5911	3435N	08655W	43.6	130.0	FGGG		22	36
2424-15402	00000/0000	2-10017/0304	03/21/76	10	5911	3309N	08720W	44.3	128.6	PGGG		22	37
2424-15405	00000/0000	2-10017/0305	03/21/76	30	5911	3143N	08746W	44.9	127.2	GGGG		22	38
2424-15411	00000/0000	2-10017/0306	03/21/76	70	5911	3018N	08810W	45.6	125.7	GGGG		22	39
2424-15414	00000/0000	2-10017/0307	03/21/76	70	5911	2852N	08834W	46.2	124.2	GGGG		22	40
												22	41

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0071

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2424-17184	00000/0000	2-10017/0364	03/21/76	60	5912	4849N	10734W	35.4	142.8	FGGG			40	26
2424-17190	00000/0000	2-10017/0365	03/21/76	40	5912	4724N	10811W	36.3	141.6	FGGG			40	27
2424-17193	00000/0000	2-10017/0366	03/21/76	70	5912	4559N	10846W	37.2	140.4	FGGG			40	28
2424-17195	00000/0000	2-10017/0367	03/21/76	70	5912	4434N	10919W	38.1	139.2	FGGG			40	29
2424-17202	00000/0000	2-10017/0368	03/21/76	50	5912	4309N	10952W	38.9	137.9	FGGG			40	30
2424-17204	00000/0000	2-10017/0369	03/21/76	20	5912	4143N	11023W	39.7	136.7	FGGG			40	31
2424-17211	00000/0000	2-10017/0370	03/21/76	10	5912	4018N	11053W	40.6	135.4	GGGG			40	32
2424-17213	00000/0000	2-10017/0371	03/21/76	0	5912	3852N	11121W	41.4	134.1	GGGG			40	33
2424-17220	00000/0000	2-10017/0372	03/21/76	0	5912	3726N	11149W	42.1	132.7	FGGG			40	34
2424-17222	00000/0000	2-10017/0373	03/21/76	0	5912	3601N	11217W	42.9	131.4	FGGG			40	35
2424-17225	00000/0000	2-10017/0374	03/21/76	10	5912	3445N	11243W	43.6	130.0	GGGG			40	36
2424-17231	00000/0000	2-10017/0375	03/21/76	10	5912	3309N	11309W	44.3	128.6	FGGG			40	37
2424-17234	00000/0000	2-10017/0376	03/21/76	10	5912	3143N	11334W	45.0	127.1	FGGG			40	38
2424-17240	00000/0000	2-10017/0377	03/21/76	0	5912	3017N	11359W	45.6	125.6	FFGF			40	39
2424-20383	00000/0000	2-10017/0378	03/21/76	10	5914	7041N	14115W	19.3	166.1	FGFF			76	10
2424-20390	00000/0000	2-10017/0379	03/21/76	10	5914	6924N	14317W	20.4	163.9	GGGG			76	11
2424-20392	00000/0000	2-10017/0380	03/21/76	10	5914	6805N	14506W	21.5	161.9	GG G			76	12
2424-20395	00000/0000	2-10017/0381	03/21/76	10	5914	6645N	14645W	22.5	160.1	GGGG			76	13
2424-20401	00000/0000	2-10017/0382	03/21/76	10	5914	6525N	14813W	23.6	158.4	GGFG			76	14
2424-20404	00000/0000	2-10017/0383	03/21/76	10	5914	6404N	14934W	24.6	156.8	FGFG			76	15
2424-20410	00000/0000	2-10017/0384	03/21/76	10	5914	6242N	15047W	25.6	155.4	FGFG			76	16
2424-20413	00000/0000	2-10017/0385	03/21/76	10	5914	6121N	15154W	26.7	153.9	GGGF			76	17
2424-20415	00000/0000	2-10017/0386	03/21/76	30	5914	5958N	15256W	27.7	152.6	FGGF			76	18
2424-20422	00000/0000	2-10017/0387	03/21/76	90	5914	5836N	15353W	28.7	151.3	FGGF			76	19
2424-20424	00000/0000	2-10017/0388	03/21/76	80	5914	5713N	15446W	29.7	150.0	FFFF			76	20
2424-20431	00000/0000	2-10017/0389	03/21/76	40	5914	5549N	15537W	30.7	148.8	GGFG			76	21
2424-22265	00000/0000	2-10017/0390	03/21/76	90	5915	5423N	17743E	31.7	147.5	FFFG			94	22
2424-22271	00000/0000	2-10017/0391	03/21/76	100	5915	5259N	17658E	32.7	146.3	FGGF			94	23
2425-15411	00000/0000	2-10017/0191	03/22/76	10	5925	4840N	08311W	35.7	142.7	GGGG			23	26
2425-15413	00000/0000	2-10017/0192	03/22/76	10	5925	4725N	08347W	36.6	141.5	GGGG			23	27
2425-15420	00000/0000	2-10017/0193	03/22/76	20	5925	4600N	08422W	37.5	140.3	GGGF			23	28
2425-15422	00000/0000	2-10017/0194	03/22/76	10	5925	4435N	08455W	38.4	139.0	GGGG			23	29
2425-15425	00000/0000	2-10017/0195	03/22/76	10	5925	4310N	08528W	39.2	137.8	GGGG			23	30
2425-15431	00000/0000	2-10017/0196	03/22/76	20	5925	4145N	08559W	40.1	136.5	GGGG			23	31
2425-15434	00000/0000	2-10017/0197	03/22/76	10	5925	4020N	08629W	40.9	135.2	GGGG			23	32
2425-15440	00000/0000	2-10017/0198	03/22/76	10	5925	3854N	08658W	41.7	133.9	GGGG			23	33

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0072

OBSERVATION ID	MICROFILM POSITION RBV	RAIL NO./ IN RAIL MSS	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SAT PATH NUMBER	FRAME ROW NUMBER
2425-15443	00000/0000	2-10017/0199	03/22/76	10	5925	3728N	08726W	42.4	132.5	GGGG			23	34
2425-15445	00000/0000	2-10017/0200	03/22/76	10	5925	3602N	08753W	43.2	131.2	GGGG			23	35
2425-15452	00000/0000	2-10017/0201	03/22/76	10	5925	3436N	08820W	43.9	129.8	GGGG			23	36
2425-15454	00000/0000	2-10017/0202	03/22/76	30	5925	3310N	08845W	44.6	128.3	GGGF			23	37
2425-15461	00000/0000	2-10017/0203	03/22/76	60	5925	3145N	08911W	45.3	126.9	GGGF			23	38
2425-15463	00000/0000	2-10017/0204	03/22/76	90	5925	3019N	08936W	45.9	125.4	GGGF			23	39
2425-15470	00000/0000	2-10017/0205	03/22/76	90	5925	2853N	09000W	46.5	123.8	GGGF			23	40
2425-15472	00000/0000	2-10017/0206	03/22/76	90	5925	2727N	09024W	47.1	122.3	GGGF			23	41
2425-17242	00000/0000	2-10017/0392	03/22/76	30	5926	4850N	10859W	35.8	142.7	FGGG			41	26
2425-17245	00000/0000	2-10017/0393	03/22/76	60	5926	4725N	10935W	36.7	141.5	FGGG			41	27
2425-17251	00000/0000	2-10017/0394	03/22/76	30	5926	4600N	11010W	37.5	140.3	FGGG			41	28
2425-17254	00000/0000	2-10017/0395	03/22/76	10	5926	4435N	11043W	38.4	139.0	GGGG			41	29
2425-17260	00000/0000	2-10017/0396	03/22/76	10	5926	4310N	11115W	39.3	137.8	FGGG			41	30
2425-17263	00000/0000	2-10017/0397	03/22/76	0	5926	4145N	11147W	40.1	136.5	GGGG			41	31
2425-17265	00000/0000	2-10017/0398	03/22/76	10	5926	4020N	11216W	40.9	135.2	GGGG			41	32
2425-17272	00000/0000	2-10017/0399	03/22/76	10	5926	3855N	11245W	41.7	133.9	FGGG			41	33
2425-17274	00000/0000	2-10017/0400	03/22/76	10	5926	3729N	11313W	42.5	132.5	GGGG			41	34
2425-17281	00000/0000	2-10017/0401	03/22/76	0	5926	3603N	11341W	43.2	131.2	GGGG			41	35
2425-17283	00000/0000	2-10017/0402	03/22/76	0	5926	3437N	11408W	43.9	129.7	GGGG			41	36
2425-17290	00000/0000	2-10017/0403	03/22/76	0	5926	3311N	11434W	44.6	128.3	GGGG			41	37
2425-17292	00000/0000	2-10017/0404	03/22/76	0	5926	3145N	11459W	45.3	126.8	GGGG			41	38
2425-20441	00000/0000	2-10017/0241	03/22/76	20	5928	7041N	14240W	19.7	166.2	GGGG			77	10
2425-20444	00000/0000	2-10017/0242	03/22/76	10	5928	6924N	14442W	20.8	164.0	GGGG			77	11
2425-20450	00000/0000	2-10017/0243	03/22/76	0	5928	6805N	14632W	21.8	162.0	GGGG			77	12
2425-20453	00000/0000	2-10017/0244	03/22/76	10	5928	6647N	14810W	22.9	160.1	GGGG			77	13
2425-20455	00000/0000	2-10017/0245	03/22/76	30	5928	6527N	14939W	24.0	158.5	GGGG			77	14
2425-20462	00000/0000	2-10017/0246	03/22/76	10	5928	6406N	15100W	25.0	156.9	GGGG			77	15
2425-20464	00000/0000	2-10017/0247	03/22/76	10	5928	6244N	15213W	26.0	155.4	GGGG			77	16
2425-20471	00000/0000	2-10017/0248	03/22/76	40	5928	6122N	15321W	27.1	153.9	GGGG			77	17
2425-20473	00000/0000	2-10017/0249	03/22/76	90	5928	5959N	15423W	28.1	152.6	GGGG			77	18
2425-20480	00000/0000	2-10017/0250	03/22/76	90	5928	5837N	15520W	29.1	151.3	GGGG			77	19
2425-20482	00000/0000	2-10017/0251	03/22/76	50	5928	5714N	15613W	30.1	150.0	GGGG			77	20
2425-20485	00000/0000	2-10017/0252	03/22/76	50	5928	5550N	15703W	31.1	148.7	GG F			77	21
2425-20491	00000/0000	2-10017/0253	03/22/76	70	5928	5427N	15750W	32.1	147.5	GGFG			77	22
2425-22300	00000/0000	2-10017/0254	03/22/76	10	5929	6244N	17802W	26.1	155.4	GG G			95	16
2425-22302	00000/0000	2-10017/0255	03/22/76	10	5929	6121N	17510W	27.1	153.9	GGGG			95	17

KEYS: CLOUD COVER 4 ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0073

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER %	SARBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SARBIT PATH NUMBER	FRAME ROW NUMBER
2425-22305	00000/0000 2-10017/0256	03/22/76	30	5929	5959N	17946E	28.1	152.6	GGGG			95	18
2425-22311	00000/0000 2-10017/0257	03/22/76	70	5929	5836N	17848E	29.1	151.3	GGGG			95	19
2425-22314	00000/0000 2-10017/0258	03/22/76	90	5929	5713N	17755E	30.1	150.0	GGGG			95	20
2425-22320	00000/0000 2-10017/0259	03/22/76	90	5929	5549N	17705E	31.1	148.7	GGGG			95	21
2425-22323	00000/0000 2-10017/0260	03/22/76	40	5929	5425N	17617E	32.1	147.5	GGGG			95	22
2425-22326	00000/0000 2-10017/0261	03/22/76	60	5929	5301N	17533E	33.0	146.3	GGGG			95	23
2426-15465	00000/0000 2-10017/0853	03/23/76	100	5939	4848N	08435W	36.1	142.6	GGGG			24	26
2426-15471	00000/0000 2-10017/0854	03/23/76	90	5939	4723N	08512W	37.0	141.3	GGGG			24	27
2426-15474	00000/0000 2-10017/0855	03/23/76	70	5939	4558N	08547W	37.9	140.1	GGGG			24	28
2426-15480	00000/0000 2-10017/0856	03/23/76	30	5939	4433N	08621W	38.8	138.8	GGGG			24	29
2426-15483	00000/0000 2-10017/0857	03/23/76	0	5939	4308N	08653W	39.6	137.6	GGGG			24	30
2426-15485	00000/0000 2-10017/0858	03/23/76	0	5939	4143N	08724W	40.5	136.3	GGGG			24	31
2426-15492	00000/0000 2-10017/0859	03/23/76	0	5939	4017N	08754W	41.3	135.0	GGGG			24	32
2426-15494	00000/0000 2-10017/0860	03/23/76	10	5939	3851N	08823W	42.1	133.6	GGGG			24	33
2426-15501	00000/0000 2-10017/0861	03/23/76	10	5939	3726N	08852W	42.8	132.3	GGGG			24	34
2426-15503	00000/0000 2-10017/0862	03/23/76	0	5939	3601N	08919W	43.6	130.9	GGGG			24	35
2426-15510	00000/0000 2-10017/0863	03/23/76	0	5939	3435N	08945W	44.3	129.5	GGGG			24	36
2426-15512	00000/0000 2-10017/0864	03/23/76	0	5939	3308N	09011W	45.0	128.0	GGGG			24	37
2426-15515	00000/0000 2-10017/0865	03/23/76	10	5939	3143N	09036W	45.6	126.5	GGGG			24	38
2426-15521	00000/0000 2-10017/0866	03/23/76	30	5939	3017N	09101W	46.2	125.0	GGGG			24	39
2426-15524	00000/0000 2-10017/0867	03/23/76	60	5939	2851N	09126W	46.8	123.4	GGGG			24	40
2426-17300	00000/0000 2-10017/0308	03/23/76	80	5940	4848N	11026W	36.2	142.5	GGGG			42	26
2426-17303	00000/0000 2-10017/0309	03/23/76	20	5940	4723N	11102W	37.1	141.3	GGGG			42	27
2426-17305	00000/0000 2-10017/0310	03/23/76	60	5940	4558N	11137W	38.0	140.1	GGGG			42	28
2426-17312	00000/0000 2-10017/0311	03/23/76	20	5940	4433N	11210W	38.8	138.8	GGGG			42	29
2426-17314	00000/0000 2-10017/0312	03/23/76	80	5940	4308N	11242W	39.7	137.6	GGGG			42	30
2426-17321	00000/0000 2-10017/0313	03/23/76	80	5940	4143N	11313W	40.5	136.3	GGGG			42	31
2426-17323	00000/0000 2-10017/0314	03/23/76	60	5940	4018N	11343W	41.3	135.0	GGGG			42	32
2426-17330	00000/0000 2-10017/0315	03/23/76	30	5940	3852N	11412W	42.1	133.6	GGGG			42	33
2426-17332	00000/0000 2-10017/0316	03/23/76	20	5940	3726N	11440W	42.9	132.3	GGGG			42	34
2426-17335	00000/0000 2-10017/0317	03/23/76	20	5940	3600N	11508W	43.6	130.9	GGGG			42	35
2426-17341	00000/0000 2-10017/0318	03/23/76	10	5940	3435N	11535W	44.3	129.5	GGGG			42	36
2426-17344	00000/0000 2-10017/0319	03/23/76	0	5940	3309N	11601W	45.0	128.0	GGGG			42	37
2426-17350	00000/0000 2-10017/0320	03/23/76	30	5940	3143N	11626W	45.6	126.5	GGGG			42	38
2426-20500	00000/0000 2-10017/0321	03/23/76	50	5942	7043N	14405W	20.1	166.2	GGGG			78	10
2426-20502	00000/0000 2-10017/0322	03/23/76	40	5942	6926N	14607W	21.2	164.0	GGGG			78	11

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0074

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2426-20505	00000/0000 2-10017/0323	03/23/76	50	5942 6808N	14755W	22.2 162.0	PGGG			78	12
2426-20511	00000/0000 2-10017/0324	03/23/76	70	5942 6648N	14933W	23.3 160.2	PGGG			78	13
2426-20514	00000/0000 2-10017/0325	03/23/76	50	5942 6528N	15102W	24.3 158.5	FGFG			78	14
2426-20520	00000/0000 2-10017/0326	03/23/76	10	5942 6407N	15222W	25.4 156.9	GGFG			78	15
2426-20523	00000/0000 2-10017/0327	03/23/76	50	5942 6246N	15335W	26.4 155.4	GGGG			78	16
2426-20525	00000/0000 2-10017/0328	03/23/76	80	5942 6124N	15443W	27.4 154.0	GGGG			78	17
2426-20532	00000/0000 2-10017/0329	03/23/76	70	5942 6001N	15546W	28.5 152.6	GGGG			78	18
2426-20534	00000/0000 2-10017/0330	03/23/76	50	5942 5838N	15644W	29.5 151.3	GGGG			78	19
2426-20541	00000/0000 2-10017/0331	03/23/76	20	5942 5715N	15738W	30.5 150.0	GGGG			78	20
2426-20543	00000/0000 2-10017/0332	03/23/76	30	5942 5552N	15827W	31.5 148.7	GGGG			78	21
2426-20550	00000/0000 2-10017/0333	03/23/76	50	5942 5428N	15915W	32.4 147.5	GGGG			78	22
2427-15523	00000/0000 2-10017/0434	03/24/76	90	5953 4850N	08602W	36.5 142.5	FGGG			25	26
2427-15530	00000/0000 2-10017/0435	03/24/76	30	5953 4725N	08638W	37.4 141.2	FGGG			25	27
2427-15532	00000/0000 2-10017/0436	03/24/76	30	5953 4559N	08713W	38.3 140.0	FGFF			25	28
2427-15535	00000/0000 2-10017/0437	03/24/76	40	5953 4435N	08747W	39.2 138.7	FFGG			25	29
2427-15541	00000/0000 2-10017/0438	03/24/76	40	5953 4310N	08819W	40.0 137.4	GGFF			25	30
2427-15544	00000/0000 2-10017/0439	03/24/76	50	5953 4144N	08850W	40.8 136.1	GGGG			25	31
2427-15550	00000/0000 2-10017/0440	03/24/76	50	5953 4019N	08920W	41.6 134.8	GGGG			25	32
2427-15553	00000/0000 2-10017/0441	03/24/76	80	5953 3853N	08949W	42.4 133.4	GGGF			25	33
2427-15555	00000/0000 2-10017/0442	03/24/76	40	5953 3728N	09017W	43.2 132.1	FGGF			25	34
2427-15562	00000/0000 2-10017/0443	03/24/76	20	5953 3602N	09045W	43.9 130.7	GGGG			25	35
2427-15564	00000/0000 2-10017/0444	03/24/76	90	5953 3436N	09111W	44.6 129.2	FGGG			25	36
2427-15571	00000/0000 2-10017/0445	03/24/76	100	5953 3310N	09137W	45.3 127.7	FGFG			25	37
2427-15573	00000/0000 2-10017/0446	03/24/76	90	5953 3144N	09203W	45.9 126.2	GGGF			25	38
2427-15580	00000/0000 2-10017/0447	03/24/76	90	5953 3019N	09227W	46.5 124.7	GGGG			25	39
2427-15582	00000/0000 2-10017/0448	03/24/76	50	5953 2852N	09251W	47.1 123.1	GGFG			25	40
2427-17355	00000/0000 2-10017/0450	03/24/76	100	5954 4849N	11152W	36.5 142.5	FGGG			43	26
2427-17361	00000/0000 2-10017/0451	03/24/76	100	5954 4724N	11228W	37.4 141.2	GGGG			43	27
2427-17364	00000/0000 2-10017/0449	03/24/76	90	5954 4559N	11303W	38.3 140.0	G GG			43	28
2427-17370	00000/0000 2-10017/0452	03/24/76	100	5954 4434N	11337W	39.2 138.7	GGGG			43	29
2427-17373	00000/0000 2-10017/0453	03/24/76	100	5954 4309N	11409W	40.0 137.4	FGGG			43	30
2427-17375	00000/0000 2-10017/0454	03/24/76	90	5954 4144N	11440W	40.9 136.1	GGGG			43	31
2427-17382	00000/0000 2-10017/0455	03/24/76	40	5954 4019N	11510W	41.7 134.8	GGFG			43	32
2427-17384	00000/0000 2-10017/0456	03/24/76	30	5954 3853N	11539W	42.4 133.4	GGFG			43	33
2427-17391	00000/0000 2-10017/0457	03/24/76	20	5954 3727N	11607W	43.2 132.0	GGGG			43	34
2427-17393	00000/0000 2-10017/0458	03/24/76	10	5954 3602N	11635W	43.9 130.6	FGGG			43	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0075

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2427-17400	00000/0000	2-10017/0459	03/24/76	10	5954	3436N	11701W	44.6	129.2	GGGG			43	36
2427-17402	00000/0000	2-10017/0460	03/24/76	30	5954	3310N	11727W	45.3	127.7	FFFG			43	37
2427-17405	00000/0000	2-10017/0461	03/24/76	80	5954	3144N	11752W	46.0	126.2	GGGG			43	38
2427-20554	00000/0000	2-10017/0405	03/24/76	30	5956	7041N	14534W	20.5	166.2	GFGF			79	10
2427-20560	00000/0000	2-10017/0406	03/24/76	10	5956	6923N	14735W	21.6	164.0	GPFG			79	11
2427-20563	00000/0000	2-10017/0407	03/24/76	10	5956	6805N	14923W	22.6	162.0	GPFG			79	12
2427-20565	00000/0000	2-10017/0408	03/24/76	30	5956	6647N	15100W	23.7	160.2	GPFG			79	13
2427-20572	00000/0000	2-10017/0409	03/24/76	10	5956	6527N	15229W	24.8	158.5	GGGG			79	14
2427-20574	00000/0000	2-10017/0410	03/24/76	10	5956	6405N	15349W	25.8	156.9	GGGG			79	15
2427-20581	00000/0000	2-10017/0411	03/24/76	10	5956	6244N	15502W	26.8	155.4	GGGG			79	16
2427-20583	00000/0000	2-10017/0412	03/24/76	0	5956	6122N	15609W	27.9	153.9	GGGG			79	17
2427-20590	00000/0000	2-10017/0413	03/24/76	10	5956	5959N	15711W	28.9	152.5	GGGG			79	18
2427-20592	00000/0000	2-10017/0414	03/24/76	10	5956	5837N	15809W	29.9	151.2	GGGG			79	19
2427-20595	00000/0000	2-10017/0415	03/24/76	0	5956	5714N	15904W	30.9	149.9	GGGG			79	20
2427-21001	00000/0000	2-10017/0416	03/24/76	10	5956	5550N	15955W	31.9	148.6	GGGG			79	21
2427-21004	00000/0000	2-10017/0417	03/24/76	60	5956	5426N	16043W	32.8	147.4	GGGG			79	22
2427-22433	00000/0000	2-10017/0418	03/24/76	30	5957	5549N	17413E	31.9	148.6	GGGG			97	21
2427-22435	00000/0000	2-10017/0419	03/24/76	30	5957	5425N	17326E	32.9	147.3	GGGG			97	22
2428-15581	00000/0000	2-10017/0462	03/25/76	90	5967	4850N	08730W	36.9	142.4	GGGG			26	26
2428-15584	00000/0000	2-10017/0463	03/25/76	70	5967	4725N	08806W	37.8	141.1	GGGG			26	27
2428-15590	00000/0000	2-10017/0464	03/25/76	10	5967	4600N	08842W	38.7	139.9	GGGG			26	28
2428-15593	00000/0000	2-10017/0465	03/25/76	70	5967	4435N	08915W	39.5	138.6	GGGG			26	29
2428-15595	00000/0000	2-10017/0466	03/25/76	70	5967	4310N	08947W	40.4	137.3	FFFG			26	30
2428-16002	00000/0000	2-10017/0467	03/25/76	60	5967	4145N	09018W	41.2	136.0	GGGF			26	31
2428-16004	00000/0000	2-10017/0468	03/25/76	20	5967	4019N	09048W	42.0	134.6	GGGG			26	32
2428-16011	00000/0000	2-10017/0469	03/25/76	50	5967	3854N	09117W	42.8	133.2	GGG			26	33
2428-16013	00000/0000	2-10017/0470	03/25/76	100	5967	3729N	09145W	43.5	131.8	GGGF			26	34
2428-16043	00000/0000	2-10017/0471	03/25/76	20	5967	2727N	09443W	48.0	121.1	GGGG			26	41
2428-16045	00000/0000	2-10017/0472	03/25/76	30	5967	2601N	09506W	48.5	119.5	GGGG			26	42
2428-16052	00000/0000	2-10017/0473	03/25/76	20	5967	2434N	09528W	49.0	117.8	GGGG			26	43
2428-17413	00000/0000	2-10017/0335	03/25/76	70	5968	4851N	11316W	36.9	142.4	GGGG			44	26
2428-17415	00000/0000	2-10017/0336	03/25/76	90	5968	4727N	11353W	37.8	141.1	FFFG			44	27
2428-17422	00000/0000	2-10017/0337	03/25/76	90	5968	4602N	11428W	38.7	139.8	GGGF			44	28
2428-17424	00000/0000	2-10017/0338	03/25/76	90	5968	4436N	11502W	39.6	138.6	GGGF			44	29
2428-17431	00000/0000	2-10017/0339	03/25/76	70	5968	4311N	11534W	40.4	137.3	GGGF			44	30
2428-17433	00000/0000	2-10017/0340	03/25/76	50	5968	4146N	11605W	41.2	135.9	GGGG			44	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0076

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL OF IMAGE LAT	PRINCIPAL PAINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORB. T PATH NUMBER	FRAME ROW NUMBER
2428-17440	00000/0000	2-10017/0334	03/25/76	60	5968	4021N	11634W	42.0	134.6	G GG			44	32
2428-17442	00000/0000	2-10017/0341	03/25/76	30	5968	3855N	11703W	42.8	133.2	F GGG			44	33
2428-17445	00000/0000	2-10017/0342	03/25/76	10	5968	3730N	11731W	43.5	131.8	G GGG			44	34
2428-17451	00000/0000	2-10017/0343	03/25/76	10	5968	3644N	11758W	44.3	130.4	F GGG			44	35
2428-17454	00000/0000	2-10017/0344	03/25/76	10	5968	3438N	11825W	45.0	128.9	G GGG			44	36
2428-17460	00000/0000	2-10017/0345	03/25/76	20	5968	3311N	11852W	45.6	127.4	F FGG			44	37
2428-21012	00000/0000	2-10017/0420	03/25/76	10	5970	7043N	14655W	20.9	166.3	G GGG			80	10
2428-21015	00000/0000	2-10017/0421	03/25/76	10	5970	6926N	14857W	22.0	164.1	G GGG			80	11
2428-21021	00000/0000	2-10017/0422	03/25/76	10	5970	6808N	15046W	23.0	162.1	F GGG			80	12
2428-21024	00000/0000	2-10017/0423	03/25/76	40	5970	6648N	15224W	24.1	160.2	G GGG			80	13
2428-21030	00000/0000	2-10017/0424	03/25/76	50	5970	6528N	15353W	25.1	158.5	G GGG			80	14
2428-21033	00000/0000	2-10017/0425	03/25/76	10	5970	6407N	15514W	26.2	156.9	G GGG			80	15
2428-21035	00000/0000	2-10017/0426	03/25/76	0	5970	6245N	15628W	27.2	155.4	G GGG			80	16
2428-21042	00000/0000	2-10017/0427	03/25/76	0	5970	6123N	15736W	28.2	153.9	G GGG			80	17
2428-21044	00000/0000	2-10017/0428	03/25/76	0	5970	6000N	15838W	29.3	152.5	G GGG			80	18
2428-21051	00000/0000	2-10017/0429	03/25/76	30	5970	5838N	15935W	30.3	151.2	G GGG			80	19
2428-21053	00000/0000	2-10017/0430	03/25/76	90	5970	5715N	16029W	31.3	149.9	G GGG			80	20
2428-21060	00000/0000	2-10017/0431	03/25/76	50	5970	5552N	16118W	32.3	148.6	G GGG			80	21
2428-21062	00000/0000	2-10017/0432	03/25/76	10	5970	5429N	16206W	33.2	147.3	G GGG			80	22
2428-22494	00000/0000	2-10017/0433	03/25/76	60	5971	5430N	17207E	33.2	147.4	G GGG			98	22
2429-14210	00000/0000	2-10017/0346	03/26/76	60	5980	4728N	06340W	38.1	141.0	G GGG			9	27
2429-16035	00000/0000	2-10017/0347	03/26/76	100	5981	4853N	08852W	37.3	142.3	G GGG			27	26
2429-16042	00000/0000	2-10017/0348	03/26/76	100	5981	4728N	08928W	38.2	141.0	G GGG			27	27
2429-16044	00000/0000	2-10017/0349	03/26/76	100	5981	4603N	09003W	39.0	139.7	G GGG			27	28
2429-16051	00000/0000	2-10017/0350	03/26/76	100	5981	4438N	09037W	39.9	138.4	G GGG			27	29
2429-16053	00000/0000	2-10017/0351	03/26/76	100	5981	4313N	09108W	40.7	137.1	G GGG			27	30
2429-16060	00000/0000	2-10017/0352	03/26/76	90	5981	4148N	09139W	41.5	135.8	G GGG			27	31
2429-16062	00000/0000	2-10017/0353	03/26/76	80	5981	4023N	09209W	42.3	134.4	G GGG			27	32
2429-16065	00000/0000	2-10017/0354	03/26/76	70	5981	3858N	09239W	43.1	133.0	G GGG			27	33
2429-16071	00000/0000	2-10017/0355	03/26/76	70	5981	3731N	09307W	43.9	131.6	G GGG			27	34
2429-16074	00000/0000	2-10017/0356	03/26/76	80	5981	3605N	09335W	44.6	130.2	G GGG			27	35
2429-16080	00000/0000	2-10017/0357	03/26/76	90	5981	3439N	09402W	45.3	128.7	G GGG			27	36
2429-16083	00000/0000	2-10017/0358	03/26/76	90	5981	3313N	09428W	45.9	127.2	G GGG			27	37
2429-16092	00000/0000	2-10017/0359	03/26/76	70	5981	3021N	09518W	47.2	124.1	G GGG			27	39
2429-16094	00000/0000	2-10017/0360	03/26/76	30	5981	2855N	09542W	47.8	122.4	G GGG			27	40
2429-16101	00000/0000	2-10017/0361	03/26/76	30	5981	2729N	09606W	48.3	120.8	G GGP			27	41

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0077

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL SF IMAGE LAT	PRINT LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2429-16103	00000/0000	2-10017/0362	03/26/76	30	5981	2603N	09629W	48.8	119.1	GGFG			27	42
2429-16110	00000/0000	2-10017/0363	03/26/76	40	5981	2437N	09452W	49.2	117.4	GGFF			27	43
2429-17471	00000/0000	2-10017/0486	03/26/76	70	5982	4854N	11442W	37.3	142.3	GGGG			45	26
2429-17474	00000/0000	2-10017/0487	03/26/76	90	5982	4729N	11519W	38.2	141.0	GGFG			45	27
2429-17480	00000/0000	2-10017/0488	03/26/76	80	5982	4604N	11554W	39.1	139.7	FGGG			45	28
2429-17483	00000/0000	2-10017/0489	03/26/76	60	5982	4439N	11628W	39.9	138.4	GGGG			45	29
2429-17485	00000/0000	2-10017/0490	03/26/76	40	5982	4312N	11700W	40.8	137.1	GGG			45	30
2429-17492	00000/0000	2-10017/0491	03/26/76	40	5982	4147N	11731W	41.6	135.8	GGG			45	31
2429-17494	00000/0000	2-10017/0492	03/26/76	30	5982	4022N	11800W	42.4	134.4	GGGG			45	32
2429-17501	00000/0000	2-10017/0493	03/26/76	20	5982	3856N	11829W	43.1	133.0	FGGF			45	33
2429-17503	00000/0000	2-10017/0494	03/26/76	10	5982	3731N	11858W	43.9	131.6	GGGG			45	34
2429-17510	00000/0000	2-10017/0495	03/26/76	0	5982	3605N	11925W	44.6	130.2	GGGG			45	35
2429-17512	00000/0000	2-10017/0496	03/26/76	0	5982	3439N	11951W	45.3	128.7	GGGG			45	36
2429-17515	00000/0000	2-10017/0497	03/26/76	0	5982	3314N	12017W	46.0	127.2	GGGG			45	37
2429-21075	00000/0000	2-10017/0474	03/26/76	10	5984	6810N	15211W	23.4	162.2	GGGG			81	12
2429-21082	00000/0000	2-10017/0475	03/26/76	0	5984	6651N	15349W	24.5	160.3	GGGG			81	13
2429-21084	00000/0000	2-10017/0476	03/26/76	0	5984	6530N	15518W	25.5	158.6	GGGG			81	14
2429-21091	00000/0000	2-10017/0477	03/26/76	0	5984	6409N	15638W	26.6	156.9	GGGG			81	15
2429-21093	00000/0000	2-10017/0478	03/26/76	10	5984	6248N	15752W	27.6	155.4	GGGG			81	16
2429-21100	00000/0000	2-10017/0479	03/26/76	10	5984	6125N	15900W	28.6	153.9	GGGG			81	17
2429-21102	00000/0000	2-10017/0480	03/26/76	30	5984	6003N	16002W	29.6	152.5	GGGG			81	18
2429-21105	00000/0000	2-10017/0481	03/26/76	60	5984	5840N	16100W	30.7	151.2	GGGG			81	19
2429-21111	00000/0000	2-10017/0482	03/26/76	40	5984	5717N	16154W	31.6	149.8	GGGG			81	20
2429-21114	00000/0000	2-10017/0483	03/26/76	30	5984	5553N	16244W	32.6	148.5	GGGG			81	21
2429-21120	00000/0000	2-10017/0484	03/26/76	30	5984	5429N	16332W	33.6	147.3	GGGG			81	22
2429-21123	00000/0000	2-10017/0485	03/26/76	40	5984	5305N	16417W	34.6	146.0	GGGG			81	23
2430-14265	00000/0000	2-10017/0524	03/27/76	40	5994	4727N	06505W	38.5	140.9	G G			10	27
2430-14271	00000/0000	2-10017/0525	03/27/76	10	5994	4602N	06540W	39.4	139.6	GGGG			10	28
2430-14274	00000/0000	2-10017/0526	03/27/76	10	5994	4437N	06615W	40.3	138.3	GGGG			10	29
2430-14280	00000/0000	2-10017/0527	03/27/76	10	5994	4311N	06648W	41.1	136.9	FFFF			10	30
2430-16100	00000/0000	2-10017/0528	03/27/76	90	5995	4726N	09056W	38.6	140.8	GGGF			28	27
2430-16103	00000/0000	2-10017/0529	03/27/76	100	5995	4601N	09131W	39.4	139.6	GGGG			28	28
2430-16105	00000/0000	2-10017/0530	03/27/76	90	5995	4436N	09204W	40.3	138.2	GGGG			28	29
2430-16112	00000/0000	2-10017/0531	03/27/76	90	5995	4311N	09236W	41.1	136.9	GGGG			28	30
2430-16114	00000/0000	2-10017/0532	03/27/76	50	5995	4146N	09307W	41.9	135.6	GGFG			28	31
2430-16121	00000/0000	2-10017/0533	03/27/76	10	5995	4021N	09338W	42.7	134.2	GGFG			28	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0078

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2430-16123	00000/0000 2-10017/0534	03/27/76	0	5995	3855N 09407W	43.5	132.8	GGGG			28	33
2430-16130	00000/0000 2-10017/0535	03/27/76	0	5995	3729N 09435W	44.2	131.3	GGGG			28	34
2430-16132	00000/0000 2-10017/0536	03/27/76	0	5995	3604N 09502W	45.0	129.9	GGGG			28	35
2430-16135	00000/0000 2-10017/0537	03/27/76	0	5995	3438N 09529W	45.6	128.4	GG G			28	36
2430-16141	00000/0000 2-10017/0538	03/27/76	10	5995	3312N 09555W	46.3	126.8	GGGG			28	37
2430-16144	00000/0000 2-10017/0539	03/27/76	10	5995	3146N 09620W	46.9	125.3	GGGG			28	38
2430-16150	00000/0000 2-10017/0540	03/27/76	10	5995	3020N 09645W	47.5	123.7	GGGG			28	39
2430-16153	00000/0000 2-10017/0541	03/27/76	10	5995	2853N 09709W	48.1	122.0	GGGG			28	40
2430-16155	00000/0000 2-10017/0708	03/27/76	30	5995	2727N 09733W	48.6	120.4	GGG			28	41
2430-16162	00000/0000 2-10017/0709	03/27/76	80	5995	2600N 09757W	49.1	118.7	GGGG			28	42
2430-17525	00000/0000 2-10017/0682	03/27/76	80	5996	4852N 11607W	37.7	142.1	GGGG			46	26
2430-17532	00000/0000 2-10017/0683	03/27/76	70	5996	4727N 11644W	38.6	140.8	GGGG			46	27
2430-17534	00000/0000 2-10017/0684	03/27/76	70	5996	4602N 11719W	39.5	139.5	GGGG			46	28
2430-17541	00000/0000 2-10017/0685	03/27/76	80	5996	4477N 11752W	40.3	138.2	GGGG			46	29
2430-17543	00000/0000 2-10017/0686	03/27/76	60	5996	4311N 11824W	41.2	136.9	GGGG			46	30
2430-17550	00000/0000 2-10017/0687	03/27/76	60	5996	4146N 11855W	42.0	135.5	GGGG			46	31
2430-17552	00000/0000 2-10017/0688	03/27/76	20	5996	4020N 11925W	42.8	134.2	GGGG			46	32
2430-17555	00000/0000 2-10017/0689	03/27/76	10	5996	3855N 11954W	43.5	132.8	GG G			46	33
2430-17561	00000/0000 2-10017/0690	03/27/76	10	5996	3729N 12022W	44.3	131.3	GG G			46	34
2430-17564	00000/0000 2-10017/0691	03/27/76	10	5996	3604N 12050W	45.0	129.9	GGGG			46	35
2430-17570	00000/0000 2-10017/0692	03/27/76	10	5996	3438N 12117W	45.7	128.4	GGGG			46	36
2430-17573	00000/0000 2-10017/0693	03/27/76	10	5996	3312N 12143W	46.3	126.8	GGGG			46	37
2430-21131	00000/0000 2-10017/0498	03/27/76	10	5998	6929N 15145W	22.7	164.3	GGGG			82	11
2430-21133	00000/0000 2-10017/0499	03/27/76	0	5998	6811N 15335W	23.8	162.2	GGGG			82	12
2430-21140	00000/0000 2-10017/0500	03/27/76	10	5998	6652N 15513W	24.8	160.3	GGGG			82	13
2430-21142	00000/0000 2-10017/0501	03/27/76	10	5998	6531N 15642W	25.9	158.6	GGGG			82	14
2430-21145	00000/0000 2-10017/0502	03/27/76	0	5998	6411N 15803W	26.9	157.0	GGGG			82	15
2430-21151	00000/0000 2-10017/0503	03/27/76	0	5998	6249N 15917W	28.0	155.4	GGGG			82	16
2430-21154	00000/0000 2-10017/0504	03/27/76	10	5998	6127N 16025W	29.0	153.9	GGGG			82	17
2430-21163	00000/0000 2-10017/0505	03/27/76	0	5998	5841N 16226W	31.0	151.2	GGGG			82	19
2430-21165	00000/0000 2-10017/0506	03/27/76	0	5998	5718N 16321W	32.0	149.8	GGGG			82	20
2430-21172	00000/0000 2-10017/0507	03/27/76	20	5998	5555N 16411W	33.0	148.5	GGGG			82	21
2430-21174	00000/0000 2-10017/0508	03/27/76	50	5998	5431N 16459W	34.0	147.2	GGFG			82	22
2430-21181	00000/0000 2-10017/0509	03/27/76	60	5998	5308N 16544W	34.9	146.0	GGGG			82	23
2431-14323	00000/0000 2-10017/0510	03/28/76	90	6008	4728N 06629W	38.9	140.7	FGGG			11	27
2431-14325	00000/0000 2-10017/0511	03/28/76	100	6008	4603N 06705W	39.8	139.4	FGGG			11	28

KEYS: CLOUD COVER \* ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0079

OBSERVATION ID	MICROFILM POSITION RRV	ROLL NO./ IN RRI MSS	DATE ACQUIRED	CLOUD COVER	SBBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RRV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SBBIT PATH NUMBER	FRAME ROW NUMBER
2431-14332	00000/0000	2-10017/0512	03/28/76	90	6008	4428N	06739W	40.6 138.1	GGGG			11	29
2431-14341	00000/0000	2-10017/0513	03/28/76	77	6008	4147N	06844W	42.3 135.4	GGGG			11	31
2431-14343	00000/0000	2-10017/0514	03/28/76	50	6008	4021N	06914W	43.1 134.0	GGGG			11	32
2431-16152	00000/0000	2-10017/0515	03/28/76	70	6009	4853N	09145W	38.0 142.0	FGGG			29	26
2431-16154	00000/0000	2-10017/0516	03/28/76	60	6009	4727N	09221W	38.9 140.7	GGGG			29	27
2431-16161	00000/0000	2-10017/0517	03/28/76	20	6009	4603N	09256W	39.8 135.4	FGGG			29	28
2431-16163	00000/0000	2-10017/0518	03/28/76	20	6009	4438N	09330W	40.6 138.1	GGGG			29	29
2431-16170	00000/0000	2-10017/0519	03/28/76	30	6009	4313N	09402W	41.5 136.8	GGGG			29	30
2431-16181	00000/0000	2-10017/0520	03/28/76	60	6009	3857N	09532W	43.8 132.6	GGGG			29	33
2431-16184	00000/0000	2-10017/0521	03/28/76	90	6009	3731N	09600W	44.6 131.1	GGGG			29	34
2431-16190	00000/0000	2-10017/0522	03/28/76	90	6009	3606N	09627W	45.3 129.6	GGGG			29	35
2431-16193	00000/0000	2-10017/0523	03/28/76	90	6009	3440N	09654W	46.0 128.1	GGGG			29	36
2431-16195	00000/0000	2-10017/0542	03/28/76	80	6009	3314N	09720W	46.6 126.6	FGFG			29	37
2431-16202	00000/0000	2-10017/0543	03/28/76	80	6009	3148N	09745W	47.2 125.0	GG G			29	38
2431-16204	00000/0000	2-10017/0544	03/28/76	90	6009	3021N	09810W	47.8 123.4	FGFF			29	39
2431-16211	00000/0000	2-10017/0545	03/28/76	90	6009	2855N	09834W	48.4 121.7	GGFG			29	40
2431-16213	00000/0000	2-10017/0546	03/28/76	90	6009	2729N	09858W	48.9 120.0	FFGF			29	41
2431-17584	00000/0000	2-10017/0547	03/28/76	80	6010	4853N	11734W	38.1 142.0	FGGG			47	26
2431-17590	00000/0000	2-10017/0548	03/28/76	90	6010	4729N	11811W	39.0 140.7	GGGG			47	27
2431-17593	00000/0000	2-10017/0549	03/28/76	70	6010	4604N	11847W	39.8 139.4	GGGG			47	28
2431-17595	00000/0000	2-10017/0550	03/28/76	80	6010	4439N	11921W	40.7 138.1	GGGG			47	29
2431-18002	00000/0000	2-10017/0551	03/28/76	70	6010	4313N	11953W	41.5 136.7	GGGG			47	30
2431-18004	00000/0000	2-10017/0552	03/28/76	90	6010	4147N	12024W	42.3 135.4	GGGG			47	31
2431-18011	00000/0000	2-10017/0553	03/28/76	80	6010	4021N	12053W	43.1 134.0	GGGG			47	32
2431-18013	00000/0000	2-10017/0554	03/28/76	20	6010	3856N	12122W	43.9 132.6	GGGG			47	33
2431-18020	00000/0000	2-10017/0555	03/28/76	20	6010	3730N	12150W	44.6 131.1	GGGG			47	34
2431-18025	00000/0000	2-10017/0556	03/28/76	80	6010	3439N	12244W	46.0 128.1	GGGG			47	36
2431-21183	00000/0000	2-10017/0694	03/28/76	20	6012	7045N	15109W	22.1 166.5	GGGG			83	10
2431-21185	00000/0000	2-10017/0695	03/28/76	10	6012	6928N	15311W	23.1 164.3	GGGG			83	11
2431-21192	00000/0000	2-10017/0696	03/28/76	10	6012	6809N	15500W	24.2 162.2	GGGG			83	12
2431-21194	00000/0000	2-10017/0697	03/28/76	0	6012	6650N	15638W	25.3 160.3	GGGG			83	13
2431-21201	00000/0000	2-10017/0698	03/28/76	0	6012	6531N	15807W	26.3 158.6	GGGG			83	14
2431-21203	00000/0000	2-10017/0699	03/28/76	0	6012	6410N	15927W	27.4 156.9	GGGG			83	15
2431-21210	00000/0000	2-10017/0700	03/28/76	0	6012	6248N	16041W	28.4 155.4	GG G			83	16
2431-21212	00000/0000	2-10017/0701	03/28/76	10	6012	6126N	16150W	29.4 153.9	GG G			83	17
2431-21215	00000/0000	2-10017/0702	03/28/76	10	6012	6004N	16252W	30.4 152.5	GGGG			83	18

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0080

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2431-21221	00000/0000	2-10017/0703	03/28/76	10	6012	5841N	16350W	31.4	151.1	GGGG			83	19
2431-21224	00000/0000	2-10017/0704	03/28/76	0	6012	5718N	16444W	32.4	149.7	GGGG			83	20
2431-21230	00000/0000	2-10017/0705	03/28/76	10	6012	5555N	16535W	33.4	148.4	GGGG			83	21
2431-21233	00000/0000	2-10017/0706	03/28/76	20	6012	5431N	16622W	34.4	147.1	GGGG			83	22
2431-21235	00000/0000	2-10017/0707	03/28/76	20	6012	5307N	16708W	35.4	145.8	GGGG			83	23
2432-14381	00000/0000	2-10017/0596	03/29/76	100	6022	4729N	06755W	39.3	140.6	FGGG			12	27
2432-14384	00000/0000	2-10017/0597	03/29/76	90	6022	4605N	06830W	40.1	139.3	FGGG			12	28
2432-14390	00000/0000	2-10017/0598	03/29/76	70	6022	4439N	06904W	41.0	138.0	GGGG			12	29
2432-14393	00000/0000	2-10017/0599	03/29/76	30	6022	4314N	06937W	41.8	136.6	FGFG			12	30
2432-14395	00000/0000	2-10017/0594	03/29/76	30	6022	4148N	07008W	42.6	135.2	F GG			12	31
2432-14402	00000/0000	2-10017/0600	03/29/76	10	6022	4023N	07039W	43.4	133.8	GGGF			12	32
2432-14404	00000/0000	2-10017/0601	03/29/76	10	6022	3857N	07108W	44.2	132.4	GGFG			12	33
2432-14411	00000/0000	2-10017/0602	03/29/76	10	6022	3732N	07136W	44.9	130.9	GGGF			12	34
2432-14413	00000/0000	2-10017/0603	03/29/76	10	6022	3606N	07204W	45.6	129.4	GGGG			12	35
2432-16210	00000/0000	2-10017/0604	03/29/76	100	6023	4855N	09310W	38.4	141.9	FGGG			30	26
2432-16213	00000/0000	2-10017/0605	03/29/76	100	6023	4729N	09346W	39.3	140.6	GGGG			30	27
2432-16215	00000/0000	2-10017/0606	03/29/76	100	6023	4604N	09421W	40.2	139.3	GGGG			30	28
2432-16222	00000/0000	2-10017/0607	03/29/76	100	6023	4440N	09455W	41.0	138.0	GG G			30	29
2432-16224	00000/0000	2-10017/0608	03/29/76	100	6023	4314N	09527W	41.8	136.6	GGGG			30	30
2432-16231	00000/0000	2-10017/0609	03/29/76	100	6023	4149N	09558W	42.6	135.2	FGFG			30	31
2432-16233	00000/0000	2-10017/0605	03/29/76	100	6023	4024N	09629W	43.4	133.8	G GG			30	32
2432-16240	00000/0000	2-10017/0610	03/29/76	90	6023	3858N	09658W	44.2	132.4	GGGG			30	33
2432-16242	00000/0000	2-10017/0611	03/29/76	90	6023	3732N	09725W	44.9	130.9	FFFF			30	34
2432-16245	00000/0000	2-10017/0612	03/29/76	50	6023	3607N	09753W	45.6	129.4	GGGG			30	35
2432-16251	00000/0000	2-10017/0613	03/29/76	30	6023	3441N	09819W	46.3	127.9	GGGG			30	36
2432-16254	00000/0000	2-10017/0614	03/29/76	10	6023	3315N	09845W	47.0	126.3	FFF			30	37
2432-16260	00000/0000	2-10017/0615	03/29/76	0	6023	3149N	09910W	47.6	124.7	FG			30	38
2432-16263	00000/0000	2-10017/0616	03/29/76	0	6023	3023N	09936W	48.1	123.0	FGGG			30	39
2432-16265	00000/0000	2-10017/0617	03/29/76	0	6023	2856N	10000W	48.7	121.4	FGG			30	40
2432-16272	00000/0000	2-10017/0618	03/29/76	10	6023	2730N	10025W	49.2	119.6	GGGG			30	41
2432-16274	00000/0000	2-10017/0619	03/29/76	30	6023	2604N	10048W	49.7	117.9	FGGG			30	42
2432-18042	00000/0000	2-10017/0572	03/29/76	40	6024	4854N	11859W	38.4	141.9	GGGG			48	26
2432-18044	00000/0000	2-10017/0573	03/29/76	50	6024	4730N	11935W	39.3	140.6	GGGG			48	27
2432-18051	00000/0000	2-10017/0574	03/29/76	30	6024	4605N	12010W	40.2	139.3	GGGG			48	28
2432-18053	00000/0000	2-10017/0575	03/29/76	30	6024	4440N	12044W	41.0	137.9	GGGG			48	29
2432-18060	00000/0000	2-10017/0576	03/29/76	10	6024	4314N	12116W	41.9	136.6	GGGG			48	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0081

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUN NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RAW NUMBER
2432-18062	00000/0000	2-10017/0577	03/29/76	10	6024	4149N	12147W	42.7	135.2	GGGG			48	31
2432-18065	00000/0000	2-10017/0578	03/29/76	10	6024	4024N	12217W	43.5	133.8	GGGG			48	32
2432-18071	00000/0000	2-10017/0579	03/29/76	10	6024	3858N	12246W	44.2	132.3	GGGG			48	33
2432-18074	00000/0000	2-10017/0580	03/29/76	10	6024	3733N	12314W	45.0	130.9	GGGG			48	34
2432-18080	00000/0000	2-10017/0581	03/29/76	10	6024	3607N	12342W	45.7	129.4	GGGG			48	35
2432-21241	00000/0000	2-10017/0652	03/29/76	10	6026	7046N	15234W	22.4	166.6	FFGG			84	10
2432-21243	00000/0000	2-10017/0653	03/29/76	10	6026	6929N	15437W	23.5	164.3	GGGG			84	11
2432-21250	00000/0000	2-10017/0654	03/29/76	0	6026	6811N	15627W	24.6	162.3	GGGG			84	12
2432-21252	00000/0000	2-10017/0655	03/29/76	0	6026	6651N	15806W	25.6	160.4	GGGG			84	13
2432-21255	00000/0000	2-10017/0656	03/29/76	0	6026	6531N	15935W	26.7	158.6	GG G			84	14
2432-21261	00000/0000	2-10017/0657	03/29/76	10	6026	6410N	16055W	27.7	157.0	GGGG			84	15
2432-21264	00000/0000	2-10017/0658	03/29/76	20	6026	6245N	16209W	28.8	155.4	GGGG			84	16
2432-21270	00000/0000	2-10017/0659	03/29/76	60	6026	6127N	16317W	29.8	153.9	GGGG			84	17
2432-21273	00000/0000	2-10017/0660	03/29/76	50	6026	6004N	16420W	30.8	152.5	GGGG			84	18
2432-21275	00000/0000	2-10017/0661	03/29/76	20	6026	5841N	16518W	31.8	151.1	GGGG			84	19
2432-21282	00000/0000	2-10017/0662	03/29/76	10	6026	5718N	16612W	32.8	149.7	GGGG			84	20
2432-21284	00000/0000	2-10017/0663	03/29/76	10	6026	5555N	16703W	33.8	148.4	GGGG			84	21
2432-21291	00000/0000	2-10017/0664	03/29/76	30	6026	5431N	16751W	34.8	147.1	GGGG			84	22
2432-21293	00000/0000	2-10017/0665	03/29/76	70	6026	5307N	16836W	35.7	145.8	GGGG			84	23
2432-21300	00000/0000	2-10017/0666	03/29/76	70	6026	5142N	16918W	36.7	144.5	GGGG			84	24
2433-14435	00000/0000	2-10017/0582	03/30/76	100	6036	4728N	06922W	39.7	140.5	GGGG			13	27
2433-14442	00000/0000	2-10017/0583	03/30/76	90	6036	4603N	06958W	40.5	139.1	GGGG			13	28
2433-14444	00000/0000	2-10017/0584	03/30/76	80	6036	4438N	07032W	41.4	137.8	GGGG			13	29
2433-14451	00000/0000	2-10017/0585	03/30/76	80	6036	4312N	07105W	42.2	136.4	GGGG			13	30
2433-14453	00000/0000	2-10017/0586	03/30/76	80	6036	4147N	07136W	43.0	135.0	GGGG			13	31
2433-14460	00000/0000	2-10017/0587	03/30/76	60	6036	4022N	07206W	43.8	133.6	GGGG			13	32
2433-14462	00000/0000	2-10017/0588	03/30/76	70	6036	3856N	07235W	44.5	132.1	GGGG			13	33
2433-14465	00000/0000	2-10017/0589	03/30/76	90	6036	3730N	07304W	45.3	130.6	GGGG			13	34
2433-14471	00000/0000	2-10017/0590	03/30/76	100	6036	3605N	07331W	46.0	129.1	GGGG			13	35
2433-14474	00000/0000	2-10017/0591	03/30/76	100	6036	3439N	07358W	46.6	127.5	GGGG			13	36
2433-14480	00000/0000	2-10017/0592	03/30/76	100	6036	3313N	07424W	47.3	126.0	GGGG			13	37
2433-14483	00000/0000	2-10017/0593	03/30/76	80	6036	3147N	07449W	47.9	124.3	GGGG			13	38
2433-16264	00000/0000	2-10017/0620	03/30/76	10	6037	4852N	09438W	38.8	141.8	GGGG			31	26
2433-16271	00000/0000	2-10017/0621	03/30/76	10	6037	4726N	09515W	39.7	140.5	GGGG			31	27
2433-16273	00000/0000	2-10017/0622	03/30/76	10	6037	4602N	09550W	40.6	139.1	GGGG			31	28
2433-16280	00000/0000	2-10017/0623	03/30/76	10	6037	4437N	09623W	41.4	137.8	GGGG			31	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US

FROM 01/22/76 TO 01/22/77

PAGE 0082

OBSERVATION ID	MICROFILM RELI NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2433-16282	00000/0000	2-10017/0624	03/30/76	10	6037	4312N	09656W	42.2	136.4	GGGG		31	30
2433-16285	00000/0000	2-10017/0625	03/30/76	10	6037	4146N	09727W	43.0	135.0	GGGG		31	31
2433-16291	00000/0000	2-10017/0626	03/30/76	10	6037	4021N	09756W	43.8	133.6	GGFG		31	32
2433-16294	00000/0000	2-10017/0627	03/30/76	10	6037	3855N	09825W	44.6	132.1	GGGF		31	33
2433-16300	00000/0000	2-10017/0628	03/30/76	10	6037	3730N	09853W	45.3	130.6	GGGG		31	34
2433-16303	00000/0000	2-10017/0629	03/30/76	30	6037	3604N	09920W	46.0	129.1	GGGG		31	35
2433-16305	00000/0000	2-10017/0630	03/30/76	30	6037	3438N	09947W	46.7	127.5	GGGG		31	36
2433-16312	00000/0000	2-10017/0631	03/30/76	70	6037	3312N	10012W	47.3	125.9	GGGG		31	37
2433-16314	00000/0000	2-10017/0632	03/30/76	30	6037	3146N	10038W	47.9	124.3	GGGG		31	38
2433-16321	00000/0000	2-10017/0633	03/30/76	0	6037	3020N	10103W	48.5	122.6	GGGG		31	39
2433-16323	00000/0000	2-10017/0634	03/30/76	0	6037	2854N	10128W	49.0	120.9	GGGG		31	40
2433-16330	00000/0000	2-10017/0635	03/30/76	10	6037	2728N	10151W	49.5	119.2	GGGG		31	41
2433-18100	00000/0000	2-10017/0710	03/30/76	80	6038	4856N	12023W	38.8	141.8	GGGG		49	26
2433-18102	00000/0000	2-10017/0711	03/30/76	80	6038	4731N	12100W	39.7	140.5	GGGG		49	27
2433-18105	00000/0000	2-10017/0712	03/30/76	70	6038	4606N	12135W	40.6	139.2	GGGG		49	28
2433-18111	00000/0000	2-10017/0713	03/30/76	70	6038	4441N	12209W	41.4	137.8	GGGG		49	29
2433-18114	00000/0000	2-10017/0714	03/30/76	30	6038	4316N	12241W	42.2	136.4	GGGG		49	30
2433-18120	00000/0000	2-10017/0715	03/30/76	10	6038	4151N	12312W	43.0	135.0	GGGF		49	31
2433-18123	00000/0000	2-10017/0716	03/30/76	10	6038	4026N	12342W	43.8	133.6	GGFG		49	32
2433-18125	00000/0000	2-10017/0717	03/30/76	30	6038	3900N	12412W	44.6	132.1	GGGG		49	33
2433-18132	00000/0000	2-10017/0718	03/30/76	70	6038	3734N	12440W	45.3	130.6	GGGG		49	34
2433-21295	00000/0000	2-10017/0667	03/30/76	10	6040	7048N	15400W	22.8	166.7	GGGG		85	10
2433-21302	00000/0000	2-10017/0668	03/30/76	0	6040	6930N	15602W	23.9	164.4	GGGG		85	11
2433-21304	00000/0000	2-10017/0669	03/30/76	0	6040	6812N	15752W	24.9	162.3	GGGG		85	12
2433-21311	00000/0000	2-10017/0670	03/30/76	10	6040	6653N	15930W	26.0	160.4	GGGG		85	13
2433-21313	00000/0000	2-10017/0671	03/30/76	10	6040	6533N	16059W	27.1	158.7	GGGG		85	14
2433-21320	00000/0000	2-10017/0672	03/30/76	10	6040	6412N	16220W	28.1	157.0	GGGG		85	15
2433-21322	00000/0000	2-10017/0673	03/30/76	10	6040	6251N	16335W	29.1	155.4	GGGG		85	16
2433-21325	00000/0000	2-10017/0674	03/30/76	90	6040	6128N	16443W	30.2	153.9	GGGG		85	17
2433-21331	00000/0000	2-10017/0675	03/30/76	90	6040	6005N	16545W	31.2	152.5	GGGG		85	18
2433-21334	00000/0000	2-10017/0676	03/30/76	70	6040	5843N	16643W	32.2	151.1	GGGG		85	19
2433-21340	00000/0000	2-10017/0677	03/30/76	90	6040	5720N	16737W	33.2	149.7	GGGG		85	20
2433-21343	00000/0000	2-10017/0678	03/30/76	90	6040	5556N	16827W	34.2	148.4	GGGG		85	21
2433-21345	00000/0000	2-10017/0679	03/30/76	90	6040	5432N	16915W	35.1	147.0	GGGG		85	22
2433-21352	00000/0000	2-10017/0680	03/30/76	70	6040	5308N	17000W	36.1	145.7	GGGG		85	23
2433-21354	00000/0000	2-10017/0681	03/30/76	80	6040	5144N	17043W	37.0	144.4	GGGG		85	24

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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0083

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA	MSS MODE	MSS IMAGE GAIN	SRBIT PATH NUMBER	FRAME RBW NUMBER
2434-14494	00000/0000	2-10017/0719	03/31/76	100	6050	4729N	07049W	40.0	140.3	GGGG			14	27
2434-14500	00000/0000	2-10017/0720	03/31/76	80	6050	4604N	07124W	40.9	139.0	GGGG			14	28
2434-14503	00000/0000	2-10017/0721	03/31/76	60	6050	4439N	07157W	41.7	137.6	GGGG			14	29
2434-14512	00000/0000	2-10017/0722	03/31/76	90	6050	4148N	07301W	43.4	134.8	GGGG			14	31
2434-14514	00000/0000	2-10017/0723	03/31/76	100	6050	4023N	07331W	44.1	133.4	GGGG			14	32
2434-14521	00000/0000	2-10017/0724	03/31/76	100	6050	3858N	07400W	44.9	131.9	GGGG			14	33
2434-14530	00000/0000	2-10017/0725	03/31/76	90	6050	3606N	07456W	46.3	128.8	GGGG			14	35
2434-14532	00000/0000	2-10017/0726	03/31/76	70	6050	3440N	07524W	47.0	127.3	GGGG			14	36
2434-14535	00000/0000	2-10017/0727	03/31/76	40	6050	3314N	07550W	47.6	125.7	GGGG			14	37
2434-14541	00000/0000	2-10017/0728	03/31/76	30	6050	3148N	07615W	48.2	124.0	GGGG			14	38
2434-14544	00000/0000	2-10017/0729	03/31/76	30	6050	3022N	07640W	48.8	122.3	GGGG			14	39
2434-14550	00000/0000	2-10017/0731	03/31/76	50	6050	2856N	07704W	49.3	120.6	GG		H	14	40
2434-14553	00000/0000	2-10017/0730	03/31/76	10	6050	2730N	07728W	49.8	118.9	GGGG		H	14	41
2434-16323	00000/0000	2-10017/0636	03/31/76	0	6051	4854N	09602W	39.2	141.7	GGGG			32	26
2434-16325	00000/0000	2-10017/0637	03/31/76	10	6051	4729N	09638W	40.1	140.3	GGGF			32	27
2434-16332	00000/0000	2-10017/0638	03/31/76	0	6051	4604N	09713W	40.9	139.0	GGGG			32	28
2434-16334	00000/0000	2-10017/0639	03/31/76	10	6051	4439N	09747W	41.8	137.6	FGGG			32	29
2434-16341	00000/0000	2-10017/0640	03/31/76	10	6051	4314N	09819W	42.6	136.2	GGGG			32	30
2434-16343	00000/0000	2-10017/0641	03/31/76	0	6051	4148N	09850W	43.4	134.8	GGGG			32	31
2434-16350	00000/0000	2-10017/0642	03/31/76	10	6051	4023N	09920W	44.2	133.4	GGGG			32	32
2434-16352	00000/0000	2-10017/0643	03/31/76	10	6051	3857N	09949W	44.9	131.9	GGGG			32	33
2434-16355	00000/0000	2-10017/0644	03/31/76	20	6051	3731N	10018W	45.6	130.4	GGGG			32	34
2434-16361	00000/0000	2-10017/0645	03/31/76	20	6051	3605N	10045W	46.3	128.8	FGGG			32	35
2434-16364	00000/0000	2-10017/0646	03/31/76	10	6051	3439N	10112W	47.0	127.3	GGGG			32	36
2434-16370	00000/0000	2-10017/0647	03/31/76	0	6051	3313N	10138W	47.6	125.6	GGGG			32	37
2434-16373	00000/0000	2-10017/0648	03/31/76	0	6051	3147N	10203W	48.2	124.0	GGGG			32	38
2434-16375	00000/0000	2-10017/0649	03/31/76	0	6051	3021N	10228W	48.8	122.3	GGGG			32	39
2434-16382	00000/0000	2-10017/0650	03/31/76	0	6051	2855N	10252W	49.3	120.6	GG G			32	40
2434-16384	00000/0000	2-10017/0651	03/31/76	0	6051	2729N	10315W	49.8	118.8	FGGG			32	41
2434-18154	00000/0000	2-10017/0748	03/31/76	70	6052	4854N	12150W	39.2	141.7	GGGG			50	26
2434-18161	00000/0000	2-10017/0749	03/31/76	60	6052	4729N	12227W	40.1	140.3	GGGG			50	27
2434-18163	00000/0000	2-10017/0750	03/31/76	70	6052	4604N	12302W	41.0	139.0	GGGG			50	28
2434-18170	00000/0000	2-10017/0751	03/31/76	60	6052	4439N	12336W	41.8	137.6	GGGG			50	29
2434-18172	00000/0000	2-10017/0752	03/31/76	60	6052	4314N	12408W	42.6	136.2	GGGG			50	30
2434-18175	00000/0000	2-10017/0753	03/31/76	70	6052	4148N	12439W	43.4	134.8	GGGG			50	31
2434-18181	00000/0000	2-10017/0754	03/31/76	30	6052	4022N	12509W	44.2	133.3	GGGG			50	32

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01:29 APR 28, '77

LANDSAT-2  
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FROM 01/22/76 TO 01/22/77

PAGE 0084

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS GAIN	SRBIT PATH NUMBER	FRAME ROW NUMBER	
2434-21353	00000/0000	2-10017/0756	03/31/76	0	6054	7047N	15520W	23.2	166.7	GGGG		86	10
2434-21360	00000/0000	2-10017/0757	03/31/76	0	6054	6929N	15725W	24.3	164.4	GGGG		86	11
2434-21362	00000/0000	2-10017/0758	03/31/76	0	6054	6811N	15915W	25.4	162.3	GGGG		86	12
2434-21365	00000/0000	2-10017/0759	03/31/76	10	6054	6651N	16054W	26.4	160.4	GGGG		86	13
2434-21371	00000/0000	2-10017/0760	03/31/76	10	6054	6531N	16224W	27.5	158.6	GGGG		86	14
2434-21374	00000/0000	2-10017/0761	03/31/76	10	6054	6410N	16345W	28.5	157.0	GGGG		86	15
2434-21380	00000/0000	2-10017/0762	03/31/76	10	6054	6249N	16459W	29.6	155.4	GGGG		86	16
2434-21383	00000/0000	2-10017/0763	03/31/76	50	6054	6127N	16607W	30.6	153.9	GGGG		86	17
2434-21385	00000/0000	2-10017/0764	03/31/76	50	6054	6004N	16709W	31.6	152.4	FGGG		86	18
2434-21392	00000/0000	2-10017/0765	03/31/76	80	6054	5842N	16806W	32.6	151.0	GGGG		86	19
2434-21394	00000/0000	2-10017/0766	03/31/76	90	6054	5718N	16900W	33.6	149.6	GGGG		86	20
2434-21401	00000/0000	2-10017/0767	03/31/76	80	6054	5555N	16951W	34.6	148.3	GGGG		86	21
2434-21403	00000/0000	2-10017/0768	03/31/76	80	6054	5430N	17039W	35.6	146.9	GGGG		86	22
2434-21410	00000/0000	2-10017/0769	03/31/76	100	6054	5306N	17124W	36.5	145.6	GGGG		86	23
2434-21412	00000/0000	2-10017/0755	03/31/76	80	6054	5142N	17208W	37.4	144.3	GGGG		86	24
2435-14552	00000/0000	2-10017/0732	04/01/76	100	6064	4726N	07218W	40.4	140.2	GGGG		15	27
2435-14554	00000/0000	2-10017/0733	04/01/76	100	6064	4601N	07252W	41.3	138.8	GGGG		15	28
2435-14561	00000/0000	2-10017/0734	04/01/76	100	6064	4436N	07326W	42.1	137.4	GGGG		15	29
2435-14563	00000/0000	2-10017/0735	04/01/76	100	6064	4311N	07358W	43.0	136.0	PGGG		15	30
2435-14570	00000/0000	2-10017/0736	04/01/76	100	6064	4146N	07428W	43.7	134.6	GGGG		15	31
2435-14572	00000/0000	2-10017/0737	04/01/76	90	6064	4020N	07458W	44.5	133.1	GGGG		15	32
2435-14575	00000/0000	2-10017/0738	04/01/76	60	6064	3855N	07527W	45.3	131.6	GGGG		15	33
2435-14581	00000/0000	2-10017/0739	04/01/76	40	6064	3729N	07555W	46.0	130.1	GGGG		15	34
2435-14584	00000/0000	2-10017/0740	04/01/76	50	6064	3603N	07623W	46.7	128.5	GGGG		15	35
2435-14590	00000/0000	2-10017/0741	04/01/76	40	6064	3437N	07649W	47.3	126.9	GGGG		15	36
2435-14593	00000/0000	2-10017/0742	04/01/76	60	6064	3311N	07715W	47.9	125.3	GGGG		15	37
2435-14595	00000/0000	2-10017/0743	04/01/76	70	6064	3145N	07740W	48.5	123.6	GGGG		15	38
2435-15004	00000/0000	2-10017/0744	04/01/76	30	6064	2853N	07830W	49.6	120.2	GGGG	H	15	40
2435-15011	00000/0000	2-10017/0745	04/01/76	40	6064	2727N	07854W	50.1	118.4	GGGG	H	15	41
2435-15013	00000/0000	2-10017/0746	04/01/76	20	6064	2601N	07917W	50.5	116.6	GGGG	H	15	42
2435-15020	00000/0000	2-10017/0747	04/01/76	10	6064	2434N	07940W	50.9	114.8	GGGG	H	15	43
2435-16381	00000/0000	2-10017/0868	04/01/76	0	6065	4852N	09729W	39.6	141.5	GGGG		33	26
2435-16383	00000/0000	2-10017/0869	04/01/76	0	6065	4728N	09806W	40.5	140.2	GGGG		33	27
2435-16390	00000/0000	2-10017/0870	04/01/76	0	6065	4602N	09841W	41.3	138.8	GGGG		33	28
2435-16392	00000/0000	2-10017/0871	04/01/76	0	6065	4437N	09914W	42.2	137.4	GGGG		33	29
2435-16395	00000/0000	2-10017/0872	04/01/76	0	6065	4311N	09947W	43.0	136.0	GGGG		33	30

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01:29 APR 28, 1977

LANDSAT-2  
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FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0085

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2435-16401	00000/0000	2-10017/0873	04/01/76	0	6065	4145N	10018W	43.8	134.6	GGGG	33	31
2435-16404	00000/0000	2-10017/0874	04/01/76	0	6065	4020N	10049W	44.5	133.1	GGGG	33	32
2435-16410	00000/0000	2-10017/0875	04/01/76	0	6065	3854N	10118W	45.3	131.6	GGGG	33	33
2435-16413	00000/0000	2-10017/0876	04/01/76	0	6065	3728N	10146W	46.3	130.1	GGGG	33	34
2435-16415	00000/0000	2-10017/0877	04/01/76	0	6065	3603N	10214W	46.7	128.5	GGGG	33	35
2435-16422	00000/0000	2-10017/0878	04/01/76	0	6065	3437N	10240W	47.3	126.9	GGGG	33	36
2435-16424	00000/0000	2-10017/0879	04/01/76	0	6065	3311N	10306W	48.0	125.3	GGGG	33	37
2435-16431	00000/0000	2-10017/0880	04/01/76	0	6065	3145N	10331W	48.6	123.6	GGGG	33	38
2435-16433	00000/0000	2-10017/0881	04/01/76	0	6065	3020N	10355W	49.1	121.9	GGGG	33	39
2435-16440	00000/0000	2-10017/0882	04/01/76	0	6065	2853N	10419W	49.6	120.2	GGGG	33	40
2435-16442	00000/0000	2-10017/0883	04/01/76	10	6065	2727N	10442W	50.1	118.4	GGGG	33	41
2435-18212	00000/0000	2-10017/0832	04/01/76	10	6066	4855N	12316W	39.6	141.6	GGGG	51	26
2435-18215	00000/0000	2-10017/0833	04/01/76	30	6066	4730N	12352W	40.5	140.2	GGGG	51	27
2435-18224	00000/0000	2-10017/0834	04/01/76	40	6066	4440N	12501W	42.2	137.4	GGGG	51	29
2435-18230	00000/0000	2-10017/0835	04/01/76	40	6066	4314N	12533W	43.0	136.0	GGGG	51	30
2435-18233	00000/0000	2-10017/0836	04/01/76	40	6066	4150N	12605W	43.8	134.6	GGGG	51	31
2435-21405	00000/0000	2-10017/0770	04/01/76	10	6068	7203N	15432W	22.5	169.3	GGGG	87	9
2435-21412	00000/0000	2-10017/0771	04/01/76	30	6068	7047N	15651W	23.6	166.7	GGGG	87	10
2435-21414	00000/0000	2-10017/0772	04/01/76	40	6068	6930N	15853W	24.7	164.5	GGGG	87	11
2435-21421	00000/0000	2-10017/0773	04/01/76	40	6068	6812N	16043W	25.7	162.4	GGGG	87	12
2435-21423	00000/0000	2-10017/0774	04/01/76	20	6068	6652N	16221W	26.8	160.4	GGGG	87	13
2435-21430	00000/0000	2-10017/0775	04/01/76	10	6068	6532N	16350W	27.9	158.7	GGGG	87	14
2435-21432	00000/0000	2-10017/0776	04/01/76	20	6068	6411N	16512W	28.9	157.0	GGGG	87	15
2435-21435	00000/0000	2-10017/0777	04/01/76	90	6068	6250N	16626W	29.9	155.4	GGGG	87	16
2435-21441	00000/0000	2-10017/0778	04/01/76	90	6068	6128N	16734W	31.0	153.9	GGGG	87	17
2435-21444	00000/0000	2-10017/0779	04/01/76	90	6068	6005N	16837W	32.0	152.4	GGGG	87	18
2435-21450	00000/0000	2-10017/0780	04/01/76	100	6068	5842N	16935W	33.0	151.0	GGGG	87	19
2435-21453	00000/0000	2-10017/0781	04/01/76	90	6068	5720N	17028W	34.0	149.6	GGGG	87	20
2435-21455	00000/0000	2-10017/0782	04/01/76	30	6068	5556N	17119W	35.0	148.2	GGGG	87	21
2435-21462	00000/0000	2-10017/0783	04/01/76	60	6068	5432N	17207W	35.9	146.9	GGGG	87	22
2435-21464	00000/0000	2-10017/0784	04/01/76	60	6068	5307N	17253W	36.9	145.5	GGGG	87	23
2435-21471	00000/0000	2-10017/0785	04/01/76	60	6068	5143N	17336W	37.8	144.2	GGGG	37	24
2436-15010	00000/0000	2-10017/0557	04/02/76	90	6078	4727N	07343W	40.8	140.0	GGGG	16	27
2436-15013	00000/0000	2-10017/0558	04/02/76	70	6078	4602N	07418W	41.7	138.7	GGGG	16	28
2436-15015	00000/0000	2-10017/0559	04/02/76	90	6078	4437N	07451W	42.5	137.3	GGGG	16	29
2436-15022	00000/0000	2-10017/0560	04/02/76	80	6078	4312N	07524W	43.3	135.8	GGGG	16	30

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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
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FROM 01/22/76 TO 01/22/77

PAGE 0084

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2436-15024	00000/0000	2-10017/0561	04/02/76	80	6078	4146N	07555W	44.1	134.4	GGGG			16	31
2436-15031	00000/0000	2-10017/0562	04/02/76	80	6078	4021N	07625W	44.9	132.9	GGGG			16	32
2436-15033	00000/0000	2-10017/0563	04/02/76	80	6078	3855N	07655W	45.6	131.4	GGGG			16	33
2436-15040	00000/0000	2-10017/0564	04/02/76	40	6078	3730N	07723W	46.3	129.8	GGGG			16	34
2436-15042	00000/0000	2-10017/0565	04/02/76	20	6078	3604N	07750W	47.0	128.3	GGGG			16	35
2436-15051	00000/0000	2-10017/0566	04/02/76	10	6078	3312N	07842W	48.3	125.0	GGGG			16	37
2436-15060	00000/0000	2-10017/0567	04/02/76	10	6078	3020N	07932W	49.4	121.6	GGGG			16	39
2436-15063	00000/0000	2-10017/0568	04/02/76	10	6078	2854N	07957W	49.9	119.8	GGGG			16	40
2436-15065	00000/0000	2-10017/0571	04/02/76	50	6078	2727N	08020W	50.4	118.0	GG			16	41
2436-15072	00000/0000	2-10017/0569	04/02/76	10	6078	2601N	08044W	50.8	116.2	GGGG			16	42
2436-15074	00000/0000	2-10017/0570	04/02/76	30	6078	2435N	08107W	51.2	114.3	GGGG			16	43
2436-16435	00000/0000	2-10017/0786	04/02/76	60	6079	4853N	09855W	39.9	141.4	GGGF			34	26
2436-16442	00000/0000	2-10017/0787	04/02/76	80	6079	4728N	09931W	40.8	140.0	GGFF			34	27
2436-16444	00000/0000	2-10017/0788	04/02/76	100	6079	4603N	10006W	41.7	138.7	GGFF			34	28
2436-16451	00000/0000	2-10017/0789	04/02/76	90	6079	4438N	10039W	42.5	137.2	FFFG			34	29
2436-16453	00000/0000	2-10017/0790	04/02/76	40	6079	4312N	10111W	43.3	135.8	GGGG			34	30
2436-16460	00000/0000	2-10017/0791	04/02/76	10	6079	4147N	10142W	44.1	134.4	GGFG			34	31
2436-16462	00000/0000	2-10017/0792	04/02/76	40	6079	4021N	10212W	44.9	132.9	GGFG			34	32
2436-16465	00000/0000	2-10017/0793	04/02/76	90	6079	3856N	10240W	45.6	131.4	GGFG			34	33
2436-16471	00000/0000	2-10017/0794	04/02/76	90	6079	3731N	10308W	46.3	129.8	GGFG			34	34
2436-16474	00000/0000	2-10017/0795	04/02/76	40	6079	3605N	10336W	47.0	128.3	FFFG			34	35
2436-16480	00000/0000	2-10017/0796	04/02/76	20	6079	3439N	10403W	47.7	126.6	GGGG			34	36
2436-16483	00000/0000	2-10017/0797	04/02/76	70	6079	3313N	10429W	48.3	125.0	GGGG			34	37
2436-16485	00000/0000	2-10017/0798	04/02/76	90	6079	3147N	10454W	48.9	123.3	GGGG			34	38
2436-16492	00000/0000	2-10017/0799	04/02/76	40	6079	3021N	10519W	49.4	121.5	GGGG			34	39
2436-16494	00000/0000	2-10017/0800	04/02/76	40	6079	2854N	10543W	49.9	119.8	GGFG			34	40
2436-18271	00000/0000	2-10017/0837	04/02/76	10	6080	4853N	12443W	40.0	141.4	GGGG			52	26
2436-18273	00000/0000	2-10017/0838	04/02/76	10	6080	4728N	12520W	40.9	140.0	GGGF			52	27
2436-21463	00000/0000	2-10017/0885	04/02/76	10	6082	7205N	15554W	22.9	169.3	GGG			88	9
2436-21470	00000/0000	2-10017/0886	04/02/76	10	6082	7049N	15814W	24.0	166.8	GGGG			88	10
2436-21472	00000/0000	2-10017/0887	04/02/76	10	6082	6932N	16018W	25.0	164.5	GGGF			88	11
2436-21475	00000/0000	2-10017/0888	04/02/76	10	6082	6813N	16208W	26.1	162.4	GGGG			88	12
2436-21481	00000/0000	2-10017/0889	04/02/76	20	6082	6654N	16346W	27.2	160.5	GGGG			88	13
2436-21484	00000/0000	2-10017/0890	04/02/76	40	6082	6534N	16515W	28.2	158.7	GGGG			88	14
2436-21490	00000/0000	2-10017/0891	04/02/76	40	6082	6413N	16636W	29.3	157.0	GGGG			88	15
2436-21493	00000/0000	2-10017/0892	04/02/76	40	6082	6251N	16750W	30.3	155.4	GGGG			88	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0087

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	QUAL MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2436-21495	00000/0000	2-10017/0893	04/02/76	50	6082	6130N	16858W	31.4	153.9	GGGG			88	17
2436-21502	00000/0000	2-10017/0894	04/02/76	80	6082	6007N	17001W	32.4	152.4	FGGG			88	18
2436-21504	00000/0000	2-10017/0895	04/02/76	30	6082	5843N	17059W	33.4	151.0	GGGG			88	19
2436-21511	00000/0000	2-10017/0896	04/02/76	50	6082	5720N	17153W	34.4	149.6	GGGG			88	20
2436-21513	00000/0000	2-10017/0897	04/02/76	90	6082	5557N	17244W	35.3	148.2	GGGG			88	21
2436-21520	00000/0000	2-10017/0898	04/02/76	90	6082	5432N	17333W	36.3	146.8	GGGG			88	22
2436-21522	00000/0000	2-10017/0899	04/02/76	70	6082	5308N	17418W	37.3	145.5	GGGG			88	23
2436-21525	00000/0000	2-10017/0900	04/02/76	60	6082	5144N	17501W	38.2	144.1	GGGG			88	24
2437-15064	00000/0000	2-10017/0901	04/03/76	90	6092	4728N	07507W	41.2	139.9	GGGG			17	27
2437-15071	00000/0000	2-10017/0902	04/03/76	80	6092	4603N	07542W	42.0	138.5	GGGG			17	28
2437-15073	00000/0000	2-10017/0903	04/03/76	70	6092	4438N	07616W	42.9	137.1	GGGG			17	29
2437-15080	00000/0000	2-10017/0904	04/03/76	80	6092	4313N	07648W	43.7	135.7	GGGG			17	30
2437-15082	00000/0000	2-10017/0905	04/03/76	90	6092	4147N	07719W	44.5	134.2	GGGG			17	31
2437-15085	00000/0000	2-10017/0906	04/03/76	60	6092	4022N	07749W	45.2	132.7	GGGG			17	32
2437-15091	00000/0000	2-10017/0907	04/03/76	10	6092	3856N	07818W	45.9	131.2	GGGG			17	33
2437-15094	00000/0000	2-10017/0908	04/03/76	0	6092	3730N	07846W	46.7	129.6	GGGG			17	34
2437-15100	00000/0000	2-10017/0909	04/03/76	10	6092	3605N	07914W	47.3	128.0	FGGG			17	35
2437-15103	00000/0000	2-10017/0910	04/03/76	0	6092	3439N	07941W	48.0	126.4	GGGG			17	36
2437-15105	00000/0000	2-10017/0911	04/03/76	0	6092	3313N	08007W	48.6	124.7	GGGF			17	37
2437-15112	00000/0000	2-10017/0912	04/03/76	0	6092	3147N	08033W	49.2	123.0	GGGG			17	38
2437-15114	00000/0000	2-10017/0913	04/03/76	10	6092	3021N	08057W	49.7	121.2	GGGG			17	39
2437-15121	00000/0000	2-10017/0914	04/03/76	10	6092	2854N	08121W	50.2	119.4	GGGG			17	40
2437-15123	00000/0000	2-10017/0915	04/03/76	10	6092	2728N	08145W	50.7	117.6	GGGG			17	41
2437-15130	00000/0000	2-10017/0916	04/03/76	20	6092	2602N	08208W	51.1	115.8	GGGF			17	42
2437-15132	00000/0000	2-10017/0917	04/03/76	10	6092	2436N	08231W	51.4	113.9	GGGG			17	43
2437-16493	00000/0000	2-10017/0939	04/03/76	0	6093	4853N	10020W	40.3	141.3	GGGG			35	26
2437-16500	00000/0000	2-10017/0940	04/03/76	0	6093	4728N	10057W	41.2	139.9	GGGG			35	27
2437-16502	00000/0000	2-10017/0941	04/03/76	10	6093	4603N	10132W	42.0	138.5	GGGG			35	28
2437-16505	00000/0000	2-10017/0942	04/03/76	30	6093	4438N	10205W	42.9	137.1	GGFG			35	29
2437-16511	00000/0000	2-10017/0943	04/03/76	20	6093	4313N	10238W	43.7	135.6	GGGG			35	30
2437-16514	00000/0000	2-10017/0944	04/03/76	10	6093	4147N	10309W	44.5	134.2	GGGG			35	31
2437-16520	00000/0000	2-10017/0945	04/03/76	0	6093	4022N	10339W	45.2	132.7	GGFG			35	32
2437-16523	00000/0000	2-10017/0946	04/03/76	0	6093	3857N	10408W	46.0	131.1	GGGG			35	33
2437-16525	00000/0000	2-10017/0947	04/03/76	10	6093	3731N	10436W	46.7	129.6	GGGG			35	34
2437-16532	00000/0000	2-10017/0948	04/03/76	10	6093	3605N	10503W	47.4	128.0	GGGG			35	35
2437-16534	00000/0000	2-10017/0949	04/03/76	0	6093	3439N	10530W	48.0	126.3	FGGG			35	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0088

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER COVER	BRBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2437-16541	00000/0000 2-10017/0850	04/03/76	10	6093	3313N	10555W	48.6	124.7	GGFG		35	37
2437-16543	00000/0000 2-10017/0851	04/03/76	0	6093	3147N	10621W	49.2	122.9	GG G		35	38
2437-16550	00000/0000 2-10017/0852	04/03/76	60	6093	3021N	10646W	49.7	121.2	GGGG		35	39
2437-18325	00000/0000 2-10017/0884	04/03/76	10	6094	4853N	12610W	40.3	141.3	GGGG		53	26
2437-21524	00000/0000 2-10017/0901	04/03/76	10	6096	7050N	15937W	24.3	166.9	GGGG		89	10
2437-21531	00000/0000 2-10017/0902	04/03/76	10	6096	6933N	16140W	25.4	164.6	GGGG		89	11
2437-21533	00000/0000 2-10017/0903	04/03/76	20	6096	6814N	16331W	26.5	162.5	GGGG		89	12
2437-21540	00000/0000 2-10017/0904	04/03/76	50	6096	6655N	16510W	27.6	160.5	FGGG		89	13
2437-21542	00000/0000 2-10017/0905	04/03/76	30	6096	6534N	16640W	28.6	158.7	GGGG		89	14
2437-21545	00000/0000 2-10017/0906	04/03/76	30	6096	6413N	16801W	29.7	157.0	GGGG		89	15
2437-21551	00000/0000 2-10017/0907	04/03/76	30	6096	6252N	16915W	30.7	155.4	GGGG		89	16
2437-21554	00000/0000 2-10017/0908	04/03/76	80	6096	6130N	17023W	31.7	153.9	GGGG		89	17
2437-21560	00000/0000 2-10017/0909	04/03/76	90	6096	6007N	17126W	32.7	152.4	GGGG		89	18
2437-21563	00000/0000 2-10017/0910	04/03/76	20	6096	5845N	17224W	33.8	150.9	GGGG		89	19
2437-21565	00000/0000 2-10017/0911	04/03/76	40	6096	5721N	17318W	34.7	149.5	GGFG		89	20
2437-21572	00000/0000 2-10017/0912	04/03/76	50	6096	5558N	17409W	35.7	148.1	GGGG		89	21
2437-21574	00000/0000 2-10017/0913	04/03/76	40	6096	5434N	17457W	36.7	146.8	GGGG		89	22
2437-21581	00000/0000 2-10017/0914	04/03/76	40	6096	5305N	17543W	37.6	145.4	GGGG		89	23
2437-21583	00000/0000 2-10017/0915	04/03/76	40	6096	5145N	17625W	38.6	144.0	GGGG		89	24
2438-15120	00000/0000 2-10017/0945	04/04/76	30	6106	4855N	07557W	40.7	141.2	GGFG		18	26
2438-15122	00000/0000 2-10017/0946	04/04/76	10	6106	4730N	07633W	41.5	139.8	GGGG		18	27
2438-15125	00000/0000 2-10017/0947	04/04/76	0	6106	4605N	07708W	42.4	138.4	GGGG		18	28
2438-15134	00000/0000 2-10017/0948	04/04/76	80	6106	4314N	07813W	44.0	135.5	GGGG		18	30
2438-15143	00000/0000 2-10017/0949	04/04/76	90	6106	4023N	07915W	45.6	132.5	GGGG		18	32
2438-15145	00000/0000 2-10017/0950	04/04/76	90	6106	3858N	07944W	46.3	130.9	GGGG		18	33
2438-15152	00000/0000 2-10017/0951	04/04/76	90	6106	3732N	08013W	47.0	129.3	GGGG		18	34
2438-15154	00000/0000 2-10017/0952	04/04/76	30	6106	3606N	08040W	47.7	127.7	GGGG		18	35
2438-15161	00000/0000 2-10017/0953	04/04/76	20	6106	3440N	08108W	48.3	126.1	GGGG		18	36
2438-15163	00000/0000 2-10017/0954	04/04/76	10	6106	3314N	08134W	48.9	124.4	GGGG		18	37
2438-15170	00000/0000 2-10017/0955	04/04/76	10	6106	3148N	08159W	49.5	122.6	GGGG		18	38
2438-15172	00000/0000 2-10017/0956	04/04/76	10	6106	3022N	08224W	50.0	120.9	GGGG		18	39
2438-15175	00000/0000 2-10017/0957	04/04/76	0	6106	2856N	08248W	50.5	119.1	GGGG		18	40
2438-15181	00000/0000 2-10017/0958	04/04/76	10	6106	2730N	08312W	50.9	117.2	GGGG		18	41
2438-15184	00000/0000 2-10017/0959	04/04/76	10	6106	2604N	08335W	51.3	115.4	GGGG		18	42
2438-15190	00000/0000 2-10017/0960	04/04/76	10	6106	2437N	08358W	51.7	113.4	GGGG		18	43
2438-16552	00000/0000 2-10017/0979	04/04/76	0	6107	4854N	10145W	40.7	141.2	GGGG		36	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=18W GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0089

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL LAT	PRINT LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2438-16554	00000/0000	2-10017/0980	04/04/76	0	6107	4729N	10722W	41.6	139.8	FGGG			36	27
2438-16561	00000/0000	2-10017/0981	04/04/76	10	6107	4604N	10757W	42.4	138.4	GGGG			36	28
2438-16563	00000/0000	2-10017/0982	04/04/76	10	6107	4439N	10331W	43.2	136.9	GGGG			36	29
2438-16570	00000/0000	2-10017/0983	04/04/76	10	6107	4314N	10403W	44.0	135.5	GGGG			36	30
2438-16572	00000/0000	2-10017/0984	04/04/76	0	6107	4148N	10434W	44.8	134.0	FGGG			36	31
2438-16575	00000/0000	2-10017/0985	04/04/76	10	6107	4023N	10503W	45.6	132.5	GFGG			36	32
2438-16581	00000/0000	2-10017/0986	04/04/76	20	6107	3858N	10532W	46.3	130.9	GGGG			36	33
2438-16584	00000/0000	2-10017/0987	04/04/76	30	6107	3732N	10559W	47.0	129.3	GGGF			36	34
2438-16590	00000/0000	2-10017/0988	04/04/76	20	6107	3607N	10627W	47.7	127.7	GGGF			36	35
2438-16593	00000/0000	2-10017/0989	04/04/76	10	6107	3440N	10653W	48.3	126.0	GGGF			36	36
2438-16595	00000/0000	2-10017/0990	04/04/76	30	6107	3314N	10720W	48.9	124.3	GGGF			36	37
2438-17002	00000/0000	2-10017/0991	04/04/76	20	6107	3148N	10746W	49.5	122.6	GGGG			36	38
2438-17004	00000/0000	2-10017/0992	04/04/76	10	6107	3022N	10811W	50.0	120.8	GGGF			36	39
2438-17011	00000/0000	2-10017/0993	04/04/76	10	6107	2855N	10835W	50.5	119.0	GGGF			36	40
2438-21580	00000/0000	2-10017/0916	04/04/76	10	6110	7207N	15840W	23.6	169.5	GGGG			90	9
2438-21582	00000/0000	2-10017/0917	04/04/76	30	6110	7051N	16100W	24.7	166.9	GGGG			90	10
2438-21585	00000/0000	2-10017/0918	04/04/76	30	6110	6934N	16305W	25.8	164.6	GGGG			90	11
2438-21591	00000/0000	2-10017/0919	04/04/76	10	6110	6816N	16455W	26.9	162.5	GGFG			90	12
2438-21594	00000/0000	2-10017/0920	04/04/76	30	6110	6656N	16634W	27.9	160.6	FGGG			90	13
2438-22000	00000/0000	2-10017/0921	04/04/76	40	6110	6536N	16804W	29.0	158.7	GGGG			90	14
2438-22003	00000/0000	2-10017/0922	04/04/76	50	6110	6415N	16926W	30.0	157.0	GGGG			90	15
2438-22005	00000/0000	2-10017/0923	04/04/76	30	6110	6253N	17040W	31.1	155.4	GGGG			90	16
2438-22012	00000/0000	2-10017/0924	04/04/76	10	6110	6131N	17148W	32.1	153.9	GGGG			90	17
2438-22014	00000/0000	2-10017/0925	04/04/76	10	6110	6008N	17250W	33.1	152.4	GGGG			90	18
2438-22021	00000/0000	2-10017/0926	04/04/76	0	6110	5845N	17348W	34.1	150.9	GGGG			90	19
2438-22023	00000/0000	2-10017/0927	04/04/76	20	6110	5722N	17442W	35.1	149.5	GGGG			90	20
2438-22030	00000/0000	2-10017/0928	04/04/76	60	6110	5559N	17533W	36.1	148.1	GGFG			90	21
2438-22032	00000/0000	2-10017/0929	04/04/76	70	6110	5435N	17621W	37.1	146.7	GGGG			90	22
2438-22035	00000/0000	2-10017/0930	04/04/76	80	6110	5311N	17706W	38.0	145.3	GGGG			90	23
2438-22041	00000/0000	2-10017/0931	04/04/76	70	6110	5147N	17749W	38.9	143.9	GGFG			90	24
2439-15174	00000/0000	2-10017/0818	04/05/76	10	6120	4855N	07722W	41.0	141.1	GGGG			19	26
2439-15183	00000/0000	2-10017/0819	04/05/76	0	6120	4605N	07834W	42.7	138.2	GGGG			19	28
2439-15192	00000/0000	2-10017/0820	04/05/76	10	6120	4314N	07940W	44.4	135.3	GGGG			19	30
2439-15195	00000/0000	2-10017/0821	04/05/76	10	6120	4149N	08011W	45.2	133.8	GGGG			19	31
2439-15201	00000/0000	2-10017/0822	04/05/76	0	6120	4024N	08041W	45.9	132.3	GGGG			19	32
2439-15204	00000/0000	2-10017/0823	04/05/76	10	6120	3858N	08110W	46.6	130.7	GGGG			19	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANKS NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0090

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBL NUMBER
2439-15210	00000/0000	2-10017/0824	04/05/76	0	6120	3732N	08139W	47.3	129.1	GGGG			19	34
2439-15213	00000/0000	2-10017/0825	04/05/76	0	6120	3606N	08205W	48.0	127.4	GGGG			19	35
2439-15215	00000/0000	2-10017/0826	04/05/76	0	6120	3441N	08233W	48.6	125.8	GGGG			19	36
2439-15222	00000/0000	2-10017/0827	04/05/76	0	6120	3315N	08259W	49.2	124.1	GGGG			19	37
2439-15224	00000/0000	2-10017/0828	04/05/76	0	6120	31.9N	08324W	49.8	122.3	GGGG			19	38
2439-15231	00000/0000	2-10017/0829	04/05/76	10	6120	3023N	08349W	50.3	120.5	GGGG			19	39
2439-15233	00000/0000	2-10017/0830	04/05/76	30	6120	2856N	08413W	50.8	118.7	GGGG			19	40
2439-15240	00000/0000	2-10017/0831	04/05/76	40	6120	2730N	08437W	51.2	116.8	GGGG			19	41
2439-17010	00000/0000	2-10017/0994	04/05/76	0	6121	4855N	10313W	41.0	141.1	GGGG			37	26
2439-17012	00000/0000	2-10017/0995	04/05/76	0	6121	4731N	10349W	41.9	139.7	GGGG			37	27
2439-17015	00000/0000	2-10017/0996	04/05/76	0	6121	4606N	10423W	42.8	138.2	GGGG			37	28
2439-17021	00000/0000	2-10017/0997	04/05/76	0	6121	4441N	10457W	43.6	136.8	GGGG			37	29
2439-17024	00000/0000	2-10017/0998	04/05/76	0	6121	4316N	10529W	44.4	135.3	GGGG			37	30
2439-17030	00000/0000	2-10017/0999	04/05/76	0	6121	4150N	10600W	45.2	133.8	GGGG			37	31
2439-17033	00000/0000	2-10017/1000	04/05/76	10	6121	4024N	10630W	45.9	132.2	GGGG			37	32
2439-17035	00000/0000	2-10017/1001	04/05/76	30	6121	3858N	10659W	46.7	130.7	GGGG			37	33
2439-17042	00000/0000	2-10017/1002	04/05/76	70	6121	3732N	10727W	47.3	129.1	GGGG			37	34
2439-17044	00000/0000	2-10017/1003	04/05/76	40	6121	3606N	10754W	48.0	127.4	GGGG			37	35
2439-17051	00000/0000	2-10017/1004	04/05/76	40	6121	3441N	10821W	48.6	125.7	GGGG			37	36
2439-17053	00000/0000	2-10017/1005	04/05/76	20	6121	3314N	10847W	49.2	124.0	GGFG			37	37
2439-17060	00000/0000	2-10017/1006	04/05/76	10	6121	3148N	10913W	49.8	122.3	GGFG			37	38
2439-17062	00000/0000	2-10017/1007	04/05/76	10	6121	3022N	10938W	50.3	120.5	GGGG			37	39
2439-17065	00000/0000	2-10017/1008	04/05/76	50	6121	2857N	11002W	50.8	118.7	GGGG			37	40
2439-20223	00000/0000	2-10017/1164	04/05/76	0	6123	6534N	14343W	29.4	158.7	GGGG			73	14
2439-20225	00000/0000	2-10017/1165	04/05/76	0	6123	6413N	14504W	30.4	157.0	GGGG			73	15
2439-20232	00000/0000	2-10017/1166	04/05/76	0	6123	6251N	14617W	31.5	155.4	GGGG			73	16
2439-20234	00000/0000	2-10017/1167	04/05/76	20	6123	6129N	14725W	32.5	153.8	GGGG			73	17
2439-20241	00000/0000	2-10017/1168	04/05/76	70	6123	6006N	14829W	33.5	152.3	GGGG			73	18
2439-20243	00000/0000	2-10017/1169	04/05/76	60	6123	5844N	14927W	34.5	150.8	GGGG			73	19
2439-20250	00000/0000	2-10017/1170	04/05/76	40	6123	5720N	15022W	35.5	149.4	GGGG			73	20
2439-22034	00000/0000	2-10017/1009	04/05/76	30	6124	7205N	16014W	24.0	169.5	GG			91	9
2439-22041	00000/0000	2-10017/1010	04/05/76	50	6124	7049N	16233W	25.1	166.9	GGG			91	10
2439-22043	00000/0000	2-10017/1011	04/05/76	80	6124	6931N	16436W	26.2	164.6	GGGG			91	11
2439-22050	00000/0000	2-10017/1012	04/05/76	80	6124	6813N	16626W	27.3	162.5	FGGG			91	12
2439-22052	00000/0000	2-10017/1013	04/05/76	50	6124	6653N	16805W	28.4	160.5	FGGG			91	13
2439-22055	00000/0000	2-10017/1014	04/05/76	10	6124	6533N	16934W	29.4	158.7	FGGG			91	14

KEYS: CLOUD COVER : ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0091

OBSERVATION ID	MICROFILM POSITION RBV	RAIL NO./ IN RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2439-22061	00000/0000	2-10017/1015	04/05/76	10	6124	6412N	17055W	30.5	157.0	GGGG			91	15
2439-22064	00000/0000	2-10017/1016	04/05/76	10	6124	6250N	17209W	31.5	155.4	GGGG			91	16
2439-22070	00000/0000	2-10017/1017	04/05/76	0	6124	6128N	17317W	32.5	153.8	GGGG			91	17
2439-22073	00000/0000	2-10017/1018	04/05/76	10	6124	6006N	17420W	33.5	152.3	GGGG			91	18
2439-22075	00000/0000	2-10017/1019	04/05/76	30	6124	5843N	17518W	34.5	150.8	GGGG			91	19
2439-22082	00000/0000	2-10017/1020	04/05/76	90	6124	5719N	17613W	35.5	149.4	GGGG			91	20
2439-22084	00000/0000	2-10017/1021	04/05/76	60	6124	5556N	17704W	36.5	148.0	GGGG			91	21
2439-22091	00000/0000	2-10017/1022	04/05/76	50	6124	5432N	17751W	37.5	146.6	GGGG			91	22
2439-22093	00000/0000	2-10017/1024	04/05/76	30	6124	5308N	17836W	38.4	145.2	G			91	23
2439-22100	00000/0000	2-10017/1023	04/05/76	30	6124	5144N	17919W	39.3	143.8	GGGG			91	24
2440-15232	00000/0000	2-10017/0932	04/06/76	10	6134	4856N	07848W	41.4	141.0	GGGG			20	26
2440-15235	00000/0000	2-10017/0933	04/06/76	70	6134	4731N	07924W	42.2	139.5	FGGG			20	27
2440-15241	00000/0000	2-10017/0934	04/06/76	40	6134	4606N	07959W	43.1	138.1	FGGG			20	28
2440-15250	00000/0000	2-10017/0935	04/06/76	10	6134	4315N	08105W	44.7	135.1	GGGG			20	30
2440-15253	00000/0000	2-10017/0936	04/06/76	30	6134	4150N	08137W	45.5	133.6	GGGG			20	31
2440-15255	00000/0000	2-10017/0937	04/06/76	20	6134	4024N	08207W	46.2	132.0	GGGG			20	32
2440-15262	00000/0000	2-10017/0938	04/06/76	10	6134	3859N	08236W	47.0	130.5	GGG			20	33
2440-15264	00000/0000	2-10017/0939	04/06/76	10	6134	3733N	08304W	47.7	128.8	FGG			20	34
2440-15273	00000/0000	2-10017/0940	04/06/76	40	6134	3442N	08358W	48.9	125.5	GGGG			20	36
2440-15280	00000/0000	2-10017/0941	04/06/76	80	6134	3316N	08424W	49.5	123.7	GGGF			20	37
2440-15282	00000/0000	2-10017/0942	04/06/76	90	6134	3150N	08450W	50.1	122.0	GGGF			20	38
2440-15285	00000/0000	2-10017/0943	04/06/76	90	6134	3024N	08515W	50.6	120.1	GGGF			20	39
2440-15291	00000/0000	2-10017/0944	04/06/76	90	6134	2858N	08539W	51.1	118.3	GGGG			20	40
2440-17064	00000/0000	2-10017/1037	04/06/76	0	6135	4857N	10437W	41.4	140.9	GGGG			38	26
2440-17070	00000/0000	2-10017/1038	04/06/76	10	6135	4731N	10514W	42.3	139.5	GGGF			38	27
2440-17075	00000/0000	2-10017/1039	04/06/76	40	6135	4440N	10623W	43.9	136.6	FGGG			38	29
2440-17082	00000/0000	2-10017/1040	04/06/76	90	6135	4315N	10655W	44.8	135.1	GGGG			38	30
2440-17084	00000/0000	2-10017/1041	04/06/76	90	6135	4150N	10725W	45.5	133.6	GGGG			38	31
2440-17091	00000/0000	2-10017/1042	04/06/76	90	6135	4025N	10755W	46.3	132.0	FGGG			38	32
2440-17093	00000/0000	2-10017/1043	04/06/76	70	6135	3859N	10824W	47.0	130.4	GGGG			38	33
2440-17100	00000/0000	2-10017/1044	04/06/76	60	6135	3733N	10852W	47.7	128.8	FGGG			38	34
2440-17102	00000/0000	2-10017/1045	04/06/76	20	6135	3607N	10920W	48.3	127.1	FGGG			38	35
2440-17105	00000/0000	2-10017/1046	04/06/76	40	6135	3442N	10946W	49.0	125.4	GGGG			38	36
2440-17111	00000/0000	2-10017/1047	04/06/76	50	6135	3316N	11013W	49.5	123.7	GGGG			38	37
2440-17114	00000/0000	2-10017/1048	04/06/76	30	6135	3150N	11039W	50.1	121.9	GGGG			38	38
2440-17120	00000/0000	2-10017/1049	04/06/76	20	6135	3024N	11104W	50.6	120.1	FGGG			38	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0092

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO., IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2440-20281	00000/0000	2-10017/1062	04/06/76	10	6137	6534N	14510W	29.7	158.7	FGGG			74	14
2440-20284	00000/0000	2-10017/1063	04/06/76	20	6137	6413N	14631W	30.8	157.0	GGGG			74	15
2440-20290	00000/0000	2-10017/1064	04/06/76	30	6137	6252N	14745W	31.8	155.4	FGGG			74	16
2440-20293	00000/0000	2-10017/1065	04/06/76	10	6137	6130N	14853W	32.9	153.8	FGGG			74	17
2440-20295	00000/0000	2-10017/1066	04/06/76	10	6137	6007N	14956W	33.9	152.3	FGGG			74	18
2440-20302	00000/0000	2-10017/1067	04/06/76	10	6137	5844N	15054W	34.9	150.8	GGGG			74	19
2440-20304	00000/0000	2-10017/1068	04/06/76	20	6137	5721N	15148W	35.9	149.4	FGGG			74	20
2440-20311	00000/0000	2-10017/1069	04/06/76	60	6137	5558N	15239W	36.8	147.9	GGGG			74	21
2440-22095	00000/0000	2-10017/1070	04/06/76	0	6138	7049N	16356W	25.5	167.0	GGGG			92	10
2440-22101	00000/0000	2-10017/1071	04/06/76	0	6138	6932N	16559W	26.6	164.7	GGGG			92	11
2440-22104	00000/0000	2-10017/1072	04/06/76	10	6138	6814N	16749W	27.7	162.5	FGGF			92	12
2440-22110	00000/0000	2-10017/1073	04/06/76	20	6138	6654N	16927W	28.7	160.6	GGGG			92	13
2440-22113	00000/0000	2-10017/1074	04/06/76	20	6138	6534N	17057W	29.8	158.7	GGGG			92	14
2441-15291	00000/0000	2-10017/1098	04/07/76	30	6148	4854N	08014W	41.8	140.8	GGGG			21	26
2441-15293	00000/0000	2-10017/1099	04/07/76	90	6148	4728N	08051W	42.6	139.3	FGGG			21	27
2441-15300	00000/0000	2-10017/1100	04/07/76	40	6148	4603N	08155W	43.5	137.9	GGGG			21	28
2441-15302	00000/0000	2-10017/1101	04/07/76	10	6148	4438N	08159W	44.3	136.4	FGGG			21	29
2441-15305	00000/0000	2-10017/1102	04/07/76	10	6148	4313N	08231W	45.1	134.9	FGGG			21	30
2441-15311	00000/0000	2-10017/1103	04/07/76	10	6148	4148N	08302W	45.9	133.3	GGGG			21	31
2441-15314	00000/0000	2-10017/1104	04/07/76	10	6148	4022N	08332W	46.6	131.8	GGGG			21	32
2441-15320	00000/0000	2-10017/1105	04/07/76	0	6148	3857N	08402W	47.3	130.2	GGGG			21	33
2441-15323	00000/0000	2-10017/1106	04/07/76	10	6148	3731N	08431W	48.0	128.5	GG G			21	34
2441-15325	00000/0000	2-10017/1107	04/07/76	10	6148	3605N	08458W	48.7	126.8	GG G			21	35
2441-15332	00000/0000	2-10017/1108	04/07/76	0	6148	3439N	08525W	49.3	125.1	FGFG			21	36
2441-15334	00000/0000	2-10017/1109	04/07/76	10	6148	3314N	08551W	49.9	123.3	GGFG			21	37
2441-15341	00000/0000	2-10017/1110	04/07/76	10	6148	3147N	08616W	50.4	121.6	GGGG			21	38
2441-15343	00000/0000	2-10017/1111	04/07/76	20	6148	3022N	08640W	50.9	119.7	FGGG			21	39
2441-15350	00000/0000	2-10017/1112	04/07/76	20	6148	2856N	08704W	51.4	117.8	GGFG			21	40
2441-15352	00000/0000	2-10017/1113	04/07/76	80	6148	2730N	08728W	51.8	115.9	GGGG			21	41
2441-17122	00000/0000	2-10017/1115	04/07/76	0	6149	4854N	10604W	41.8	140.8	GFGR			39	26
2441-17125	00000/0000	2-10017/1116	04/07/76	10	6149	4730N	10641W	42.7	139.3	GFGR			39	27
2441-17131	00000/0000	2-10017/1117	04/07/76	20	6149	4605N	10716W	43.5	137.9	GFGR			39	28
2441-17140	00000/0000	2-10017/1118	04/07/76	80	6149	4314N	10820W	45.1	134.9	GFGR			39	30
2441-17143	00000/0000	2-10017/1119	04/07/76	90	6149	4149N	10851W	45.9	133.3	GFGR			39	31
2441-17145	00000/0000	2-10017/1114	04/07/76	60	6149	4023N	10920W	46.6	131.7	G G			39	32
2441-17152	00000/0000	2-10017/1120	04/07/76	20	6149	3858N	10949W	47.4	130.1	FFGG			39	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0093

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN FLEV.	SUN AZIM.	IMAGE RBV	QUAL MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2441-17154	00000/0000	2-10017/1121	04/07/76	10	6149	3731N	11017W	48.0	128.5		GGGG			39	34
2441-17161	00000/0000	2-10017/1122	04/07/76	0	6149	3605N	11045W	48.7	126.8		GGGF			39	35
2441-17163	00000/0000	2-10017/1123	04/07/76	0	6149	3440N	11111W	49.3	125.1		GGGF			39	36
2441-17170	00000/0000	2-10017/1124	04/07/76	0	6149	3314N	11138W	49.9	123.3		GGGF			39	37
2441-17172	00000/0000	2-10017/1125	04/07/76	10	6149	3147N	11204W	50.4	121.5		GFFG			39	38
2441-17175	00000/0000	2-10017/1126	04/07/76	10	6149	3021N	11229W	50.9	119.7		GFFG			39	39
2441-20324	00000/0000	2-10017/1075	04/07/76	40	6151	6932N	14139W	27.0	164.7		GGGG			75	11
2441-20330	00000/0000	2-10017/1076	04/07/76	20	6151	6813N	14329W	28.0	162.5		GGGG			75	12
2441-20333	00000/0000	2-10017/1077	04/07/76	0	6151	6653N	14508W	29.1	160.6		FGGG			75	13
2441-20335	00000/0000	2-10017/1078	04/07/76	0	6151	6533N	14637W	30.2	158.7		GGGG			75	14
2441-20342	00000/0000	2-10017/1079	04/07/76	10	6151	6412N	14758W	31.2	157.0		GGGG			75	15
2441-20351	00000/0000	2-10017/1080	04/07/76	30	6151	6128N	15020W	33.3	153.7		GGGG			75	17
2441-20353	00000/0000	2-10017/1081	04/07/76	90	6151	6005N	15123W	34.3	152.2		GGGG			75	18
2441-20360	00000/0000	2-10017/1082	04/07/76	90	6151	5842N	15222W	35.3	150.7		GGGG			75	19
2441-20362	00000/0000	2-10017/1083	04/07/76	90	6151	5719N	15316W	36.3	149.3		GGGG			75	20
2441-20365	00000/0000	2-10017/1084	04/07/76	90	6151	5555N	15406W	37.2	147.8		GGGG			75	21
2441-22155	00000/0000	2-10017/1085	04/07/76	10	6152	6934N	16724W	26.9	164.7		GGGG			93	11
2441-22162	00000/0000	2-10017/1086	04/07/76	10	6152	6815N	16914W	28.0	162.6		GGGG			93	12
2441-22164	00000/0000	2-10017/1087	04/07/76	10	6152	6655N	17053W	29.1	160.6		GGGG			93	13
2441-22171	00000/0000	2-10017/1088	04/07/76	10	6152	6535N	17223W	30.1	158.8		GGGG			93	14
2441-22173	00000/0000	2-10017/1089	04/07/76	10	6152	6414N	17344W	31.2	157.0		GGGG			93	15
2441-22180	00000/0000	2-10017/1090	04/07/76	10	6152	6253N	17458W	32.2	155.4		GGGG			93	16
2441-22182	00000/0000	2-10017/1091	04/07/76	10	6152	6131N	17607W	33.3	153.8		GGGG			93	17
2441-22185	00000/0000	2-10017/1092	04/07/76	10	6152	6008N	17710W	34.3	152.3		GGGG			93	18
2441-22191	00000/0000	2-10017/1093	04/07/76	20	6152	5845N	17809W	35.3	150.8		GGGG			93	19
2441-22194	00000/0000	2-10017/1094	04/07/76	40	6152	5722N	17904W	36.3	149.3		GGGG			93	20
2441-22200	00000/0000	2-10017/1095	04/07/76	50	6152	5558N	17955W	37.2	147.9		GGGG			93	21
2441-22203	00000/0000	2-10017/1096	04/07/76	50	6152	5434N	17916E	38.2	146.5		GGGG			93	22
2441-22205	00000/0000	2-10017/1097	04/07/76	50	6152	5310N	17831E	39.1	145.1		FGGG			93	23
2442-15345	00000/0000	2-10017/1127	04/08/76	20	6162	4855N	08140W	42.1	140.7		GGGG			22	26
2442-15351	00000/0000	2-10017/1128	04/08/76	40	6162	4730N	08216W	43.0	139.2		GGGG			22	27
2442-15354	00000/0000	2-10017/1129	04/08/76	20	6162	4605N	08252W	43.8	137.7		GGGG			22	28
2442-15360	00000/0000	2-10017/1130	04/08/76	30	6162	4440N	08325W	44.7	136.2		FGGG			22	29
2442-15363	00000/0000	2-10017/1131	04/08/76	60	6162	4314N	08358W	45.4	134.7		GGGG			22	30
2442-15365	00000/0000	2-10017/1132	04/08/76	40	6162	4148N	08428W	46.2	133.1		GGGG			22	31
2442-15372	00000/0000	2-10017/1133	04/08/76	10	6162	4024N	08458W	46.9	131.5		GGGG			22	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE G=GOOD F=FAIR  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANH SAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0094

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO., IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2442-15381	00000/0000	2-10017/1134	04/08/76	0	6162	3732N	08556W	48.3	128.3	GGGG		22	34
2442-15383	00000/0000	2-10017/1135	04/08/76	0	6162	3606N	08623W	49.0	126.5	GGGG		22	35
2442-15390	00000/0000	2-10017/1136	04/08/76	0	6162	3450N	08650W	49.6	124.8	GGGG		22	36
2442-15392	00000/0000	2-10017/1137	04/08/76	40	6162	3315N	08716W	50.2	123.0	GGGG		22	37
2442-15395	00000/0000	2-10017/1138	04/08/76	70	6162	3149N	08741W	50.7	121.2	GGGG		22	38
2442-15401	00000/0000	2-10017/1139	04/08/76	20	6162	3023N	08806W	51.2	119.4	GGGG		22	39
2442-15404	00000/0000	2-10017/1140	04/08/76	10	6162	2857N	08831W	51.6	117.5	GGGG		22	40
2442-15410	00000/0000	2-10017/1141	04/08/76	30	6162	2730N	08854W	52.0	115.5	GGGG		22	41
2442-17210	00000/0000	2-10017/1157	04/08/76	50	6163	3858N	11118W	47.7	129.9	GGG		40	32
2442-17212	00000/0000	2-10017/1158	04/08/76	40	6163	3732N	11146W	48.4	128.2	GGGG		40	34
2442-17215	00000/0000	2-10017/1159	04/08/76	30	6163	3606N	11213W	49.0	126.5	GGGG		40	35
2442-17221	00000/0000	2-10017/1160	04/08/76	20	6163	3440N	11240W	49.6	124.8	GGGG		40	36
2442-17224	00000/0000	2-10017/1161	04/08/76	0	6163	3315N	11305W	50.2	123.0	GGGG		40	37
2442-17230	00000/0000	2-10017/1162	04/08/76	0	6163	3149N	11330W	50.7	121.2	GGGG		40	38
2442-17233	00000/0000	2-10017/1163	04/08/76	10	6163	3023N	11356W	51.2	119.3	GGGG		40	39
2442-20380	00000/0000	2-10017/1025	04/08/76	10	6165	7050N	14101W	26.2	167.1	GF GG		76	10
2442-20382	00000/0000	2-10017/1026	04/08/76	20	6165	6932N	14305W	27.3	164.7	GGGF		76	11
2442-20385	00000/0000	2-10017/1027	04/08/76	10	6165	6813N	14456W	28.4	162.6	GGGG		76	12
2442-20391	00000/0000	2-10017/1028	04/08/76	0	6165	6654N	14635W	29.5	160.6	GGGG		76	13
2442-20394	00000/0000	2-10017/1029	04/08/76	20	6165	6533N	14803W	30.5	158.7	GGGG		76	14
2442-20400	00000/0000	2-10017/1030	04/08/76	50	6165	6412N	14924W	31.6	157.0	GF GG		76	15
2442-20403	00000/0000	2-10017/1031	04/08/76	40	6165	6251N	15037W	32.6	155.3	GGGG		76	16
2442-20405	00000/0000	2-10017/1032	04/08/76	10	6165	6129N	15145W	33.6	153.7	GGGG		76	17
2442-20412	00000/0000	2-10017/1033	04/08/76	40	6165	6007N	15248W	34.6	152.2	GGGG		76	18
2442-20414	00000/0000	2-10017/1034	04/08/76	70	6165	5843N	15346W	35.6	150.7	GGGF		76	19
2442-20421	00000/0000	2-10017/1035	04/08/76	30	6165	5720N	15440W	36.6	149.2	GGGF		76	20
2442-20423	00000/0000	2-10017/1036	04/08/76	20	6165	5557N	15530W	37.6	147.8	GGGG		76	21
2442-22264	00000/0000	2-10017/1196	04/08/76	100	6166	5308N	17705E	39.5	144.9	GGGG		94	23
2443-15403	00000/0000	2-10017/1142	04/09/76	20	6176	4857N	08303W	42.5	140.6	GGGG		23	26
2443-15410	00000/0000	2-10017/1143	04/09/76	20	6176	4732N	08340W	43.3	139.1	GGGG		23	27
2443-15412	00000/0000	2-10017/1144	04/09/76	10	6176	4607N	08415W	44.2	137.6	GGGG		23	28
2443-15415	00000/0000	2-10017/1145	04/09/76	0	6176	4442N	08449W	45.0	136.1	GGGG		23	29
2443-15421	00000/0000	2-10017/1146	04/09/76	0	6176	4317N	08522W	45.8	134.5	GGGG		23	30
2443-15424	00000/0000	2-10017/1147	04/09/76	0	6176	4152N	08554W	46.5	132.9	GGGG		23	31
2443-15433	00000/0000	2-10017/1148	04/09/76	0	6176	3901N	08653W	48.0	129.7	GGGG		23	33
2443-15435	00000/0000	2-10017/1149	04/09/76	0	6176	3735N	08721W	48.6	128.0	GGGG		23	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0095

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO., IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2443-15442	00000/0000	2-10017/1150	04/09/76	0	6176	3609N	08749W	49.3	126.3	GGGG			23	35
2443-15444	00000/0000	2-10017/1151	04/09/76	0	6176	3443N	08816W	49.9	124.5	GGGG			23	36
2443-15451	00000/0000	2-10017/1152	04/09/76	10	6176	3317N	08842W	50.5	122.7	GGGG			23	37
2443-15453	00000/0000	2-10017/1153	04/09/76	10	6176	3151N	08908W	51.0	120.9	GGGG			23	38
2443-15460	00000/0000	2-10017/1154	04/09/76	0	6176	3024N	08933W	51.5	119.0	GGGG			23	39
2443-15462	00000/0000	2-10017/1155	04/09/76	0	6176	2858N	08957W	51.9	117.1	GGGG			23	40
2443-15465	00000/0000	2-10017/1156	04/09/76	20	6176	2732N	09021W	52.3	115.1	FFFF			23	41
2443-17235	00000/0000	2-10017/1171	04/09/76	0	6177	4857N	10854W	42.5	140.6	GGGG			41	26
2443-17241	00000/0000	2-10017/1172	04/09/76	10	6177	4731N	10931W	43.4	139.1	GFGG			41	27
2443-17244	00000/0000	2-10017/1173	04/09/76	40	6177	4606N	11006W	44.2	137.6	GFGG			41	28
2443-17250	00000/0000	2-10017/1174	04/09/76	90	6177	4441N	11040W	45.0	136.1	GFGG			41	29
2443-17253	00000/0000	2-10017/1175	04/09/76	90	6177	4315N	11112W	45.8	134.5	GGGG			41	30
2443-17255	00000/0000	2-10017/1176	04/09/76	70	6177	4149N	11143W	46.6	132.9	GGGG			41	31
2443-17262	00000/0000	2-10017/1177	04/09/76	40	6177	4025N	11213W	47.3	131.3	GGGG			41	32
2443-17271	00000/0000	2-10017/1178	04/09/76	0	6177	3734N	11310W	48.7	128.0	GGGG			41	34
2443-17273	00000/0000	2-10017/1179	04/09/76	0	6177	3608N	11337W	49.3	126.3	GGGG			41	35
2443-17280	00000/0000	2-10017/1180	04/09/76	0	6177	3442N	11404W	49.9	124.5	GFGG			41	36
2443-17282	00000/0000	2-10017/1181	04/09/76	0	6177	3316N	11431W	50.5	122.7	FFFF			41	37
2443-17285	00000/0000	2-10017/1182	04/09/76	10	6177	3150N	11456W	51.0	120.8	GFGG			41	38
2443-20434	00000/0000	2-10017/1183	04/09/76	0	6179	7051N	14226W	26.6	167.2	GGGG			77	10
2443-20440	00000/0000	2-10017/1184	04/09/76	10	6179	6934N	14429W	27.7	154.8	GGGG			77	11
2443-20443	00000/0000	2-10017/1185	04/09/76	70	6179	6815N	14619W	28.7	162.6	GGGG			77	12
2443-20445	00000/0000	2-10017/1186	04/09/76	100	6179	6656N	14758W	29.8	160.6	GGGG			77	13
2443-20452	00000/0000	2-10017/1187	04/09/76	100	6179	6536N	14927W	30.9	158.8	GGGG			77	14
2443-20454	00000/0000	2-10017/1188	04/09/76	40	6179	6414N	15049W	31.9	157.0	GGGG			77	15
2443-20461	00000/0000	2-10017/1189	04/09/76	80	6179	6252N	15203W	33.0	155.4	GGGG			77	16
2443-20463	00000/0000	2-10017/1190	04/09/76	80	6179	6130N	15311W	34.0	153.8	GGGG			77	17
2443-20470	00000/0000	2-10017/1191	04/09/76	100	6179	6008N	15414W	35.0	152.2	GGGG			77	18
2443-20472	00000/0000	2-10017/1192	04/09/76	90	6179	5845N	15512W	36.0	150.7	GGGG			77	19
2443-20475	00000/0000	2-10017/1193	04/09/76	60	6179	5722N	15606W	37.0	149.2	GGGG			77	20
2443-20481	00000/0000	2-10017/1194	04/09/76	70	6179	5558N	15656W	38.0	147.8	GGGG			77	21
2443-20484	00000/0000	2-10017/1195	04/09/76	80	6179	5434N	15744W	38.9	146.3	GGGG			77	22
2444-15461	00000/0000	2-10017/1197	04/10/76	100	6190	4855N	08431W	42.9	140.4	GGGG			24	26
2444-15464	00000/0000	2-10017/1198	04/10/76	90	6190	4730N	08507W	43.7	138.9	GGGG			24	27
2444-15470	00000/0000	2-10017/1199	04/10/76	90	6190	4605N	08541W	44.6	137.4	GGGG			24	28
2444-15473	00000/0000	2-10017/1200	04/10/76	100	6190	4440N	08615W	45.4	135.8	GGGG			24	29

KEYS: C\_CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0096

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2444-15475	00000/0000	2-10017/1201	04/10/76	70	6190	4314N	08648W	46.1	134.3	GGGG		24	30
2444-15482	00000/0000	2-10017/1202	04/10/76	10	6190	4148N	08720W	46.9	132.7	GGGG		24	31
2444-15484	00000/0000	2-10017/1203	04/10/76	0	6190	4023N	08750W	47.6	131.0	GGGG		24	32
2444-15491	00000/0000	2-10017/1204	04/10/76	0	6190	3857N	08819W	48.3	129.4	GGGG		24	33
2444-15493	00000/0000	2-10017/1205	04/10/76	0	6190	3731N	08848W	49.0	127.7	GGGG		24	34
2444-15500	00000/0000	2-10017/1206	04/10/76	0	6190	3606N	08915W	49.6	125.9	GGGG		24	35
2444-15502	00000/0000	2-10017/1207	04/10/76	0	6190	3440N	08942W	50.2	124.1	GGGG		24	36
2444-15505	00000/0000	2-10017/1208	04/10/76	10	6190	3314N	09008W	50.8	122.3	GGGG		24	37
2444-15511	00000/0000	2-10017/1209	04/10/76	10	6190	3147N	09034W	51.3	120.5	GGGG		24	38
2444-15514	00000/0000	2-10017/1210	04/10/76	10	6190	3022N	09059W	51.8	118.6	GGGG		24	39
2444-15520	00000/0000	2-10017/1211	04/10/76	10	6190	2856N	09123W	52.2	116.6	GGGG		24	40
2444-17293	00000/0000	2-10017/1212	04/10/76	10	6191	4855N	11021W	42.9	140.4	GGGG		42	26
2444-17295	00000/0000	2-10017/1213	04/10/76	10	6191	4730N	11058W	43.7	138.9	GGGG		42	27
2444-17302	00000/0000	2-10017/1214	04/10/76	10	6191	4605N	11133W	44.6	137.4	GGGG		42	28
2444-17304	00000/0000	2-10017/1215	04/10/76	10	6191	4439N	11207W	45.4	135.8	GGGG		42	29
2444-17311	00000/0000	2-10017/1216	04/10/76	0	6191	4314N	11239W	46.2	134.3	GGGG		42	30
2444-17313	00000/0000	2-10017/1217	04/10/76	0	6191	4149N	11310W	46.9	132.7	GGGG		42	31
2444-17320	00000/0000	2-10017/1218	04/10/76	0	6191	4023N	11340W	47.7	131.0	GGGG		42	32
2444-17322	00000/0000	2-10017/1219	04/10/76	0	6191	3857N	11409W	48.4	129.4	GGGG		42	33
2444-17325	00000/0000	2-10017/1220	04/10/76	10	6191	3731N	11437W	49.0	127.7	GGGG		42	34
2444-17331	00000/0000	2-10017/1221	04/10/76	0	6191	3606N	11504W	49.6	125.9	GGGG		42	35
2444-17334	00000/0000	2-10017/1222	04/10/76	0	6191	3440N	11531W	50.2	124.1	GGGG		42	36
2444-17340	00000/0000	2-10017/1223	04/10/76	10	6191	3314N	11557W	50.8	122.3	GGGG		42	37
2444-20492	00000/0000	2-10017/1224	04/10/76	10	6193	7052N	14346W	26.9	167.2	GGGG		78	10
2444-20495	00000/0000	2-10017/1225	04/10/76	10	6193	6935N	14550W	28.0	164.9	GGGG		78	11
2444-20501	00000/0000	2-10017/1226	04/10/76	40	6193	6816N	14741W	29.1	162.7	GGGG		78	12
2444-20510	00000/0000	2-10017/1227	04/10/76	70	6193	6537N	15050W	31.2	158.8	GGGG		78	14
2444-20513	00000/0000	2-10017/1228	04/10/76	60	6193	6416N	15212W	32.3	157.1	GGGG		78	15
2444-20515	00000/0000	2-10017/1229	04/10/76	30	6193	6253N	15327W	33.3	155.4	GGFG		78	16
2444-20522	00000/0000	2-10017/1230	04/10/76	70	6193	6132N	15435W	34.3	153.8	GGGG		78	17
2444-20524	00000/0000	2-10017/1231	04/10/76	90	6193	6009N	15538W	35.4	152.2	GGGG		78	18
2444-20531	00000/0000	2-10017/1232	04/10/76	80	6193	5846N	15636W	36.4	150.7	GGGG		78	19
2444-20533	00000/0000	2-10017/1233	04/10/76	10	6193	5723N	15729W	37.3	149.2	GGGG		78	20
2444-20540	00000/0000	2-10017/1234	04/10/76	70	6193	5600N	15820W	38.3	147.7	GGGG		78	21
2444-20542	00000/0000	2-10017/1235	04/10/76	70	6193	5436N	15907W	39.3	146.3	GGGG		78	22
2444-22374	00000/0000	2-10017/1236	04/10/76	50	6194	5435N	17501E	39.3	146.2	GGGG		96	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0097

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO. / IN RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LANG	SUN FLEV. AZIM.	SUN FLEV. AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2445-15520	00000/0000	2-10017/1239	04/11/76	n	6204	4857N	08557W	43.2 140.3	GGGG			25	26
2445-15522	00000/0000	2-10017/1240	04/11/76	10	6204	4732N	08634W	44.1 138.8	GGGG			25	27
2445-15525	00000/0000	2-10017/1241	04/11/76	10	6204	4607N	08709W	44.9 137.2	GGGG			25	28
2445-15531	00000/0000	2-10017/1242	04/11/76	10	6204	4442N	08742W	45.7 135.7	GGGG			25	29
2445-15534	00000/0000	2-10017/1243	04/11/76	10	6204	4317N	08814W	46.5 134.1	GGGG			25	30
2445-15540	00000/0000	2-10017/1244	04/11/76	10	6204	4151N	08846W	47.2 132.5	GGGG			25	31
2445-15543	00000/0000	2-10017/1245	04/11/76	20	6204	4025N	08916W	48.0 130.8	GGGG			25	32
2445-15545	00000/0000	2-10017/1246	04/11/76	30	6204	3839N	08945W	48.6 129.1	GGGG			25	33
2445-15552	00000/0000	2-10017/1247	04/11/76	20	6204	3734N	09014W	49.3 127.4	GGGG			25	34
2445-15554	00000/0000	2-10017/1248	04/11/76	10	6204	3608N	09041W	49.9 125.7	GGGG			25	35
2445-15561	00000/0000	2-10017/1249	04/11/76	10	6204	3441N	09108W	50.5 123.8	GG G			25	36
2445-15563	00000/0000	2-10017/1250	04/11/76	10	6204	3315N	09134W	51.1 122.0	GGGG			25	37
2445-15570	00000/0000	2-10017/1237	04/11/76	10	6204	3149N	09159W	51.6 120.1	G GG			25	38
2445-15572	00000/0000	2-10017/1238	04/11/76	30	6204	3023N	09224W	52.0 118.2	G GG			25	39
2445-17351	00000/0000	2-10017/1050	04/11/76	10	6205	4857N	11147W	43.2 140.3	FGGG			43	26
2445-17354	00000/0000	2-10017/1051	04/11/76	10	6205	4732N	11223W	44.1 138.8	GGGG			43	27
2445-17360	00000/0000	2-10017/1052	04/11/76	10	6205	4606N	11258W	44.9 137.2	GGGG			43	28
2445-17363	00000/0000	2-10017/1053	04/11/76	10	6205	4441N	11332W	45.7 135.7	GGGG			43	29
2445-17365	00000/0000	2-10017/1054	04/11/76	30	6205	4315N	11404W	46.5 134.1	GGGF			43	30
2445-17372	00000/0000	2-10017/1055	04/11/76	50	6205	4150N	11435W	47.3 132.5	FGFF			43	31
2445-17374	00000/0000	2-10017/1056	04/11/76	70	6205	4024N	11505W	48.0 130.8	FGFF			43	32
2445-17381	00000/0000	2-10017/1057	04/11/76	50	6205	3859N	11534W	48.7 129.1	FGFG			43	33
2445-17383	00000/0000	2-10017/1058	04/11/76	30	6205	3734N	11602W	49.3 127.4	GGFG			43	34
2445-17390	00000/0000	2-10017/1059	04/11/76	20	6205	3608N	11630W	49.9 125.6	FGGF			43	35
2445-17392	00000/0000	2-10017/1060	04/11/76	10	6205	3442N	11657W	50.5 123.8	GGGF			43	36
2445-17395	00000/0000	2-10017/1061	04/11/76	30	6205	3315N	11723W	51.1 122.0	GGGG			43	37
2445-20550	00000/0000	2-10017/1251	04/11/76	20	6207	7051N	14516W	27.3 167.2	GGGF			79	10
2445-20553	00000/0000	2-10017/1252	04/11/76	20	6207	6934N	14719W	28.4 164.9	GGGF			79	11
2445-20555	00000/0000	2-10017/1253	04/11/76	20	6207	6816N	14909W	29.5 162.7	GGGG			79	12
2445-20562	00000/0000	2-10017/1254	04/11/76	60	6207	6656N	15048W	30.6 160.7	GGGG			79	13
2445-20564	00000/0000	2-10017/1255	04/11/76	30	6207	6536N	15219W	31.6 158.8	GGGG			79	14
2445-20571	00000/0000	2-10017/1256	04/11/76	20	6207	6414N	15340W	32.7 157.0	GGGG			79	15
2445-20573	00000/0000	2-10017/1257	04/11/76	40	6207	6253N	15454W	33.7 155.3	GGFG			79	16
2445-20580	00000/0000	2-10017/1258	04/11/76	90	6207	6131N	15602W	34.7 153.7	GGFG			79	17
2445-20582	00000/0000	2-10017/1259	04/11/76	70	6207	6008N	15705W	35.8 152.1	GGGG			79	18
2445-20585	00000/0000	2-10017/1260	04/11/76	60	6207	5845N	15803W	36.8 150.6	GGGG			79	19

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

0129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0098

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SUN PATH NUMBER	FRAME ROW NUMBER
2445-20591	00000/0000	2-10017/1261	04/11/76	50	6207	5721N	15858W	37.7	149.1	GGGG			79	20
2445-20594	00000/0000	2-10017/1262	04/11/76	40	6207	5558N	15948W	38.7	147.6	GGGG			79	21
2445-21000	00000/0000	2-10017/1263	04/11/76	30	6207	5434N	16037W	39.7	146.1	GGGG			79	22
2446-15574	00000/0000	2-10017/0961	04/12/76	10	6218	4858N	08721W	43.5	140.2	GGGG			26	26
2446-15580	00000/0000	2-10017/0962	04/12/76	0	6218	4733N	08758W	44.4	138.6	GGGG			26	27
2446-15583	00000/0000	2-10017/0963	04/12/76	0	6218	4608N	08833W	45.2	137.1	GGGG			26	28
2446-15585	00000/0000	2-10017/0964	04/12/76	0	6218	4443N	08907W	46.0	135.5	GGGG			26	29
2446-15592	00000/0000	2-10017/0965	04/12/76	10	6218	4318N	08939W	46.8	133.9	GGGG			26	30
2446-15594	00000/0000	2-10017/0966	04/12/76	0	6218	4152N	09011W	47.6	132.3	GGGG			26	31
2446-16001	00000/0000	2-10017/0967	04/12/76	0	6218	4026N	09041W	48.3	130.6	GGGG			26	32
2446-16003	00000/0000	2-10017/0968	04/12/76	0	6218	3901N	09110W	49.0	128.9	GGGG			26	33
2446-16010	00000/0000	2-10017/0969	04/12/76	10	6218	3735N	09138W	49.6	127.2	GGGG			26	34
2446-16012	00000/0000	2-10017/0970	04/12/76	80	6218	3609N	09206W	50.2	125.4	GGGG			26	35
2446-16015	00000/0000	2-10017/0971	04/12/76	80	6218	3443N	09233W	50.8	123.5	GGGG			26	36
2446-16021	00000/0000	2-10017/0972	04/12/76	30	6218	3317N	09259W	51.3	121.7	GGGG			26	37
2446-16024	00000/0000	2-10017/0973	04/12/76	10	6218	3151N	09324W	51.8	119.8	GGGG			26	38
2446-16030	00000/0000	2-10017/0974	04/12/76	40	6218	3025N	09349W	52.3	117.8	GGGG			26	39
2446-16033	00000/0000	2-10017/0975	04/12/76	30	6218	2858N	09413W	52.7	115.9	GGGG			26	40
2446-16035	00000/0000	2-10017/0976	04/12/76	20	6218	2733N	09437W	53.1	113.8	GGGG			26	41
2446-16042	00000/0000	2-10017/0977	04/12/76	20	6218	2606N	09500W	53.4	111.8	GGGG			26	42
2446-16044	00000/0000	2-10017/0978	04/12/76	30	6218	2440N	09523W	53.7	109.7	GGGG			26	43
2446-17405	00000/0000	2-10017/1264	04/12/76	10	6219	4859N	11311W	43.6	140.2	GGGG			44	26
2446-17412	00000/0000	2-10017/1265	04/12/76	10	6219	4734N	11348W	44.4	138.6	GGGG			44	27
2446-17414	00000/0000	2-10017/1266	04/12/76	30	6219	4609N	11423W	45.2	137.1	GGGG			44	28
2446-17421	00000/0000	2-10017/1267	04/12/76	70	6219	4443N	11457W	46.1	135.5	GGGG			44	29
2446-17423	00000/0000	2-10017/1268	04/12/76	90	6219	4318N	11529W	46.8	133.9	GGGG			44	30
2446-17430	00000/0000	2-10017/1269	04/12/76	90	6219	4152N	11600W	47.6	132.3	GGGG			44	31
2446-17432	00000/0000	2-10017/1270	04/12/76	90	6219	4026N	11631W	48.3	130.6	GGGG			44	32
2446-17435	00000/0000	2-10017/1271	04/12/76	70	6219	3901N	11700W	49.0	128.9	GGGG			44	33
2446-17441	00000/0000	2-10017/1272	04/12/76	50	6219	3735N	11728W	49.6	127.1	GGGG			44	34
2446-17444	00000/0000	2-10017/1273	04/12/76	20	6219	3609N	11755W	50.2	125.4	GGGG			44	35
2446-17450	00000/0000	2-10017/1274	04/12/76	20	6219	3443N	11822W	50.8	123.5	GGGG			44	36
2446-17453	00000/0000	2-10017/1275	04/12/76	50	6219	3317N	11848W	51.4	121.7	GGGG			44	37
2446-21005	00000/0000	2-10017/1287	04/12/76	10	6221	7053N	14635W	27.7	167.3	GGGG			80	10
2446-21011	00000/0000	2-10017/1288	04/12/76	10	6221	6936N	14839W	28.8	164.9	GGGG			80	11
2446-21014	00000/0000	2-10017/1289	04/12/76	30	6221	6817N	15030W	29.8	162.7	GGGG			80	12

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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0099

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL OF IMAGE LAT	PRINCIPAL PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBV NUMBER
2446-21020	00000/0000	2-10017/1290	04/12/76	80	6221	6657N	15210W	30.9	160.7	GGFG			80	13
2446-21023	00000/0000	2-10017/1291	04/12/76	80	6221	6537N	15340W	32.0	158.8	GGGG			80	14
2446-21025	00000/0000	2-10017/1292	04/12/76	80	6221	6416N	15502W	33.0	157.0	GGGG			80	15
2446-21032	00000/0000	2-10017/1293	04/12/76	70	6221	6254N	15616W	34.1	155.3	FGGG			80	16
2446-21034	00000/0000	2-10017/1294	04/12/76	70	6221	6132N	15725W	35.1	153.7	GGGG			80	17
2446-21041	00000/0000	2-10017/1295	04/12/76	30	6221	6009N	15828W	36.1	152.1	GGGG			80	18
2446-21043	00000/0000	2-10017/1296	04/12/76	30	6221	5846N	15927W	37.1	150.6	GGFG			80	19
2446-21052	00000/0000	2-10017/1297	04/12/76	20	6221	5559N	16113W	39.1	147.6	GGGG			80	21
2446-21055	00000/0000	2-10017/1298	04/12/76	90	6221	5435N	16201W	40.0	146.1	FGFG			80	22
2447-14203	00000/0000	2-10017/1299	04/13/76	10	6231	4732N	06335W	44.7	138.5	GGG			9	27
2447-16032	00000/0000	2-10017/1300	04/13/76	0	6232	4856N	08849W	44.9	140.0	GGGG			27	26
2447-16035	00000/0000	2-10017/1301	04/13/76	10	6232	4731N	08926W	44.8	138.5	GGGG			27	27
2447-16041	00000/0000	2-10017/1302	04/13/76	20	6232	4607N	09001W	45.6	136.9	GGGG			27	28
2447-16044	00000/0000	2-10017/1303	04/13/76	30	6232	4442N	09035W	46.4	135.3	GGGG			27	29
2447-16050	00000/0000	2-10017/1304	04/13/76	10	6232	4316N	09107W	47.2	133.7	GGGG			27	30
2447-16053	00000/0000	2-10017/1305	04/13/76	10	6232	4150N	09139W	47.9	132.0	GGGG			27	31
2447-16062	00000/0000	2-10017/1306	04/13/76	20	6232	3859N	09237W	49.3	128.6	GGGG			27	33
2447-16064	00000/0000	2-10017/1307	04/13/76	90	6232	3733N	09305W	49.9	126.8	GGGG			27	34
2447-16071	00000/0000	2-10017/1308	04/13/76	90	6232	3607N	09333W	50.5	125.0	GGGG			27	35
2447-16073	00000/0000	2-10017/1309	04/13/76	90	6232	3441N	09359W	51.1	123.2	GGGG			27	36
2447-16080	00000/0000	2-10017/1310	04/13/76	90	6232	3315N	09425W	51.7	121.3	GGGG			27	37
2447-16082	00000/0000	2-10017/1311	04/13/76	80	6232	3149N	09451W	52.1	119.4	FGGG			27	38
2447-16085	00000/0000	2-10017/1312	04/13/76	90	6232	3024N	09515W	52.6	117.4	GGGG			27	39
2447-16091	00000/0000	2-10017/1313	04/13/76	80	6232	2858N	09540W	53.0	115.4	GFFG			27	40
2447-16100	00000/0000	2-10017/1314	04/13/76	40	6232	2605N	09627W	53.7	111.3	GFG			27	42
2447-16103	00000/0000	2-10017/1315	04/13/76	30	6232	2438N	09650W	53.9	109.2	GGGG			27	43
2447-17464	00000/0000	2-10017/1276	04/13/76	90	6233	4857N	11438W	43.9	140.0	GGGG			45	26
2447-17470	00000/0000	2-10017/1277	04/13/76	90	6233	4732N	11515W	44.8	138.4	GGGG			45	27
2447-17475	00000/0000	2-10017/1278	04/13/76	60	6233	4441N	11624W	46.4	135.3	GGGG			45	29
2447-17482	00000/0000	2-10017/1279	04/13/76	10	6233	4315N	11657W	47.2	133.7	GGGG			45	30
2447-17484	00000/0000	2-10017/1280	04/13/76	10	6233	4150N	11728W	47.9	132.0	GGGG			45	31
2447-17491	00000/0000	2-10017/1281	04/13/76	40	6233	4024N	11758W	48.6	130.3	GGGG			45	32
2447-17493	00000/0000	2-10017/1282	04/13/76	90	6233	3858N	11827W	49.3	128.6	GGGG			45	33
2447-17500	00000/0000	2-10017/1283	04/13/76	90	6233	3733N	11855W	50.0	126.8	GGGG			45	34
2447-17502	00000/0000	2-10017/1284	04/13/76	90	6233	3607N	11923W	50.6	125.0	GGGG			45	35
2447-17505	00000/0000	2-10017/1285	04/13/76	40	6233	3441N	11950W	51.1	123.2	GGGG			45	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0100

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2447-17511	00000/0000	2-10017/1286	04/13/76	10	6233	3315N	12016W	51.7	121.3	GGGG	45	37
2447-21065	00000/0000	2-10017/1316	04/13/76	90	6235	6938N	15005W	29.1	165.0	FGGG	81	11
2447-21072	00000/0000	2-10017/1317	04/13/76	90	6235	6819N	15157W	30.2	162.8	GGGG	81	12
2447-21074	00000/0000	2-10017/1318	04/13/76	20	6235	6659N	15337W	31.3	160.8	GGGG	81	13
2447-21081	00000/0000	2-10017/1319	04/13/76	20	6235	6538N	15507W	32.3	158.9	GGGG	81	14
2447-21090	00000/0000	2-10017/1320	04/13/76	0	6235	6256N	15743W	34.4	155.4	GGGG	81	16
2447-21092	00000/0000	2-10017/1321	04/13/76	0	6235	6134N	15851W	35.4	153.7	GGGG	81	17
2447-21095	00000/0000	2-10017/1322	04/13/76	0	6235	6011N	15954W	36.4	152.1	GGGG	81	18
2447-21101	00000/0000	2-10017/1323	04/13/76	0	6235	5848N	16053W	37.4	150.6	GGGG	81	19
2447-21104	00000/0000	2-10017/1324	04/13/76	0	6235	5725N	16147W	38.4	149.0	GGGG	81	20
2447-21110	00000/0000	2-10017/1325	04/13/76	0	6235	5601N	16238W	39.4	147.5	GGGG	81	21
2447-21113	00000/0000	2-10017/1326	04/13/76	20	6235	5437N	16326W	40.3	146.0	GGGG	81	22
2447-21115	00000/0000	2-10017/1327	04/13/76	50	6235	5313N	16411W	41.3	144.5	GGGG	81	23
2448-14261	00000/0000	2-10017/1342	04/14/76	20	6245	4734N	06503W	45.1	138.3	GGGG	10	27
2448-14264	00000/0000	2-10017/1343	04/14/76	10	6245	4608N	06539W	45.9	136.8	GGGG	10	28
2448-14270	00000/0000	2-10017/1344	04/14/76	0	6245	4443N	06613W	46.7	135.2	GGGG	10	29
2448-14273	00000/0000	2-10017/1345	04/14/76	0	6245	4317N	06645W	47.5	133.5	GGGG	10	30
2448-16090	00000/0000	2-10017/1346	04/14/76	80	6246	4859N	09013W	44.2	139.9	GGFG	28	26
2448-16093	00000/0000	2-10017/1347	04/14/76	50	6246	4734N	09050W	45.1	138.3	GGGG	28	27
2448-16095	00000/0000	2-10017/1348	04/14/76	60	6246	4608N	09125W	45.9	136.7	GGGG	28	28
2448-16102	00000/0000	2-10017/1349	04/14/76	90	6246	4443N	09159W	46.7	135.1	GGGG	28	29
2448-16104	00000/0000	2-10017/1350	04/14/76	90	6246	4318N	09231W	47.5	133.5	GGGG	28	30
2448-16111	00000/0000	2-10017/1351	04/14/76	90	6246	4153N	09303W	48.2	131.8	GGGG	28	31
2448-16113	00000/0000	2-10017/1352	04/14/76	90	6246	4027N	09333W	48.9	130.1	GGGG	28	32
2448-16120	00000/0000	2-10017/1353	04/14/76	90	6246	3901N	09403W	49.6	128.4	GGGG	28	33
2448-16122	00000/0000	2-10017/1354	04/14/76	90	6246	3735N	09431W	50.2	126.6	GGGG	28	34
2448-16125	00000/0000	2-10017/1355	04/14/76	90	6246	3610N	09458W	50.8	124.7	GGGG	28	35
2448-16131	00000/0000	2-10017/1356	04/14/76	80	6246	3443N	09525W	51.4	122.9	GGGG	28	36
2448-16134	00000/0000	2-10017/1357	04/14/76	70	6246	3318N	09551W	51.9	121.0	GGGG	28	37
2448-16140	00000/0000	2-10017/1560	04/14/76	80	6246	3152N	09616W	52.4	119.0	GGFG	28	38
2448-16143	00000/0000	2-10017/1561	04/14/76	90	6246	3025N	09641W	52.9	117.0	GGGG	28	39
2448-16145	00000/0000	2-10017/1562	04/14/76	80	6246	2859N	09705W	53.2	115.0	GGGG	28	40
2448-16152	00000/0000	2-10017/1563	04/14/76	50	6246	2733N	09729W	53.6	113.0	GGGF	28	41
2448-16154	00000/0000	2-10017/1564	04/14/76	70	6246	2607N	09752W	53.9	110.9	GGGF	28	42
2448-17522	00000/0000	2-10017/1390	04/14/76	90	6247	4858N	11603W	44.3	139.9	FGGG	46	26
2448-17524	00000/0000	2-10017/1391	04/14/76	90	6247	4733N	11640W	45.1	138.3	FGGG	46	27

KEYS: CLOUD COVER % ..... TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0101

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINCIPAL OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME ROW NUMBER
2448-17531	00000/0000	2-10017/1392	04/14/76	40	6247	4608N	11715W	45.9	136.7	GGGG			46	28
2448-17533	00000/0000	2-10017/1393	04/14/76	10	6247	4443N	11749W	46.7	135.1	GGGG			46	29
2448-17540	00000/0000	2-10017/1394	04/14/76	0	6247	4318N	11822W	47.5	133.5	GGGG			46	30
2448-17542	00000/0000	2-10017/1395	04/14/76	0	6247	4152N	11854W	48.2	131.8	GGGG			46	31
2448-17545	00000/0000	2-10017/1396	04/14/76	0	6247	4026N	11924W	48.9	130.1	GGGG			46	32
2448-17551	00000/0000	2-10017/1397	04/14/76	10	6247	3901N	11953W	49.6	128.3	GGGG			46	33
2448-17554	00000/0000	2-10017/1398	04/14/76	30	6247	3735N	12021W	50.3	126.6	GGGG			46	34
2448-17560	00000/0000	2-10017/1399	04/14/76	30	6247	3609N	12048W	50.9	124.7	GGGG			46	35
2448-17563	00000/0000	2-10017/1400	04/14/76	40	6247	3443N	12115W	51.4	122.8	GGGG			46	36
2448-21121	00000/0000	2-10017/1328	04/14/76	10	6249	7053N	14929W	28.4	167.4	GGGG			82	10
2448-21124	00000/0000	2-10017/1329	04/14/76	10	6249	6936N	15134W	29.5	165.0	GGGG			82	11
2448-21130	00000/0000	2-10017/1330	04/14/76	10	6249	6818N	15324W	30.6	162.8	GGGG			82	12
2448-21133	00000/0000	2-10017/1331	04/14/76	20	6249	6658N	15503W	31.6	160.7	GGGG			82	13
2448-21135	00000/0000	2-10017/1332	04/14/76	20	6249	6538N	15633W	32.7	158.8	GGGG			82	14
2448-21142	00000/0000	2-10017/1333	04/14/76	10	6249	6417N	15754W	33.8	157.0	GGGG			82	15
2448-21144	00000/0000	2-10017/1334	04/14/76	0	6249	6255N	15908W	34.8	155.3	GGGG			82	16
2448-21151	00000/0000	2-10017/1335	04/14/76	0	6249	6132N	16017W	35.8	153.7	GGGG			82	17
2448-21153	00000/0000	2-10017/1336	04/14/76	0	6249	6010N	16120W	36.8	152.1	GGGG			82	18
2448-21160	00000/0000	2-10017/1337	04/14/76	0	6249	5847N	16218W	37.8	150.5	GGGG			82	19
2448-21162	00000/0000	2-10017/1338	04/14/76	30	6249	5723N	16313W	38.8	149.0	GGGG			82	20
2448-21165	00000/0000	2-10017/1339	04/14/76	100	6249	5559N	16404W	39.8	147.4	GGGG			82	21
2448-21171	00000/0000	2-10017/1340	04/14/76	100	6249	5436N	16453W	40.7	145.9	GGGG			82	22
2448-21174	00000/0000	2-10017/1341	04/14/76	100	6249	5312N	16538W	41.7	144.4	GGGG			82	23
2449-14315	00000/0000	2-10017/1401	04/15/76	10	6259	4732N	06629W	45.4	138.1	GGGG			11	27
2449-14322	00000/0000	2-10017/1402	04/15/76	30	6259	4607N	06705W	46.2	136.6	GGGG			11	28
2449-14324	00000/0000	2-10017/1403	04/15/76	20	6259	4441N	06739W	47.0	134.9	GGGG			11	29
2449-14331	00000/0000	2-10017/1404	04/15/76	20	6259	4316N	06811W	47.8	133.3	GGGG			11	30
2449-14333	00000/0000	2-10017/1405	04/15/76	40	6259	4150N	06842W	48.5	131.6	GGGG			11	31
2449-14340	00000/0000	2-10017/1406	04/15/76	20	6259	4025N	06912W	49.2	129.8	GGGG			11	32
2449-16145	00000/0000	2-10017/1407	04/15/76	10	6260	4857N	09140W	44.6	139.7	GGFG			29	26
2449-16151	00000/0000	2-10017/1408	04/15/76	70	6260	4732N	09216W	45.4	138.1	GGFG			29	27
2449-16154	00000/0000	2-10017/1409	04/15/76	90	6260	4607N	09252W	46.3	136.5	GGFF			29	28
2449-16160	00000/0000	2-10017/1410	04/15/76	90	6260	4442N	09325W	47.1	134.9	GGFF			29	29
2449-16163	00000/0000	2-10017/1411	04/15/76	90	6260	4317N	09358W	47.8	133.3	GGFF			29	30
2449-16165	00000/0000	2-10017/1412	04/15/76	80	6260	4151N	09429W	48.6	131.6	GGGF			29	31
2449-16172	00000/0000	2-10017/1413	04/15/76	70	6260	4025N	09500W	49.3	129.8	GGGF			29	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=1.0X GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0102

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLCUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2449-16174	00000/0000	2-10017/1414	04/15/76	100	6260	3859N	09529W	49.9	128.1	GGFF			29	33
2449-16181	00000/0000	2-10017/1415	04/15/76	90	6260	3733N	09557W	50.6	126.2	GGGF			29	34
2449-16183	00000/0000	2-10017/1416	04/15/76	90	6260	3607N	09625W	51.1	124.4	GGFG			29	35
2449-16190	00000/0000	2-10017/1358	04/15/76	90	6260	3441N	09652W	51.7	122.5	GGGG			29	36
2449-16192	00000/0000	2-10017/1359	04/15/76	80	6260	3315N	09717W	52.2	120.6	GGGG			29	37
2449-16195	00000/0000	2-10017/1360	04/15/76	90	6260	3149N	09742W	52.7	118.6	GGGG			29	38
2449-16201	00000/0000	2-10017/1361	04/15/76	90	6260	3023N	09807W	53.1	116.6	FGGG			29	39
2449-16204	00000/0000	2-10017/1362	04/15/76	90	6260	2857N	09831W	53.5	114.5	FGGG			29	40
2449-16210	00000/0000	2-10017/1363	04/15/76	80	6260	2731N	09855W	53.8	112.5	FGGG			29	41
2449-16213	00000/0000	2-10017/1364	04/15/76	90	6260	2604N	09919W	54.1	110.4	GGGG			29	42
2449-17580	00000/0000	2-10017/1417	04/15/76	90	6261	4857N	11730W	44.6	139.7	FGGG			47	26
2449-17583	00000/0000	2-10017/1418	04/15/76	50	6261	4732N	11807W	45.5	138.1	GGGG			47	27
2449-17585	00000/0000	2-10017/1419	04/15/76	40	6261	4607N	11842W	46.3	136.5	GGG			47	28
2449-17592	00000/0000	2-10017/1420	04/15/76	70	6261	4442N	11916W	47.1	134.9	GGGG			47	29
2449-17594	00000/0000	2-10017/1421	04/15/76	60	6261	4317N	11948W	47.8	133.2	GGGG			47	30
2449-18001	00000/0000	2-10017/1422	04/15/76	70	6261	4151N	12019W	48.6	131.5	FGGG			47	31
2449-18003	00000/0000	2-10017/1423	04/15/76	50	6261	4026N	12049W	49.3	129.8	GGGF			47	32
2449-18010	00000/0000	2-10017/1424	04/15/76	40	6261	3900N	12119W	49.9	128.0	GGGG			47	33
2449-18012	00000/0000	2-10017/1425	04/15/76	30	6261	3734N	12147W	50.6	126.2	GGGG			47	34
2449-18015	00000/0000	2-10017/1426	04/15/76	50	6261	3608N	12214W	51.2	124.4	GGGG			47	35
2449-21191	00000/0000	2-10017/1437	04/15/76	20	6263	6656N	15631W	32.0	160.7	FGGG			83	13
2449-21193	00000/0000	2-10017/1438	04/15/76	20	6263	6536N	15800W	33.1	158.8	GGFG			83	14
2449-21200	00000/0000	2-10017/1439	04/15/76	20	6263	6415N	15920W	34.1	157.0	FFFG			83	15
2449-21202	00000/0000	2-10017/1440	04/15/76	80	6263	6253N	16035W	35.2	155.3	FFGG			83	16
2449-21205	00000/0000	2-10017/1441	04/15/76	40	6263	6131N	16144W	36.2	153.6	GGGG			83	17
2449-21211	00000/0000	2-10017/1442	04/15/76	80	6263	6008N	16247W	37.2	152.0	FGFG			83	18
2449-21214	00000/0000	2-10017/1443	04/15/76	80	6263	5845N	16346W	38.2	150.4	FFFF			83	19
2449-21220	00000/0000	2-10017/1444	04/15/76	100	6263	5722N	16440W	39.2	148.9	GGGG			83	20
2449-21223	00000/0000	2-10017/1445	04/15/76	90	6263	5558N	16531W	40.1	147.3	GGGG			83	21
2449-21225	00000/0000	2-10017/1446	04/15/76	90	6263	5434N	16619W	41.1	145.8	FGGF			83	22
2449-21232	00000/0000	2-10017/1447	04/15/76	50	6263	5310N	16704W	42.0	144.3	FGFG			83	23
2450-14374	00000/0000	2-10017/1448	04/16/76	40	6273	4735N	06753W	45.7	138.0	GGGG			12	27
2450-14380	00000/0000	2-10017/1449	04/16/76	40	6273	4609N	06829W	46.6	136.4	GGGG			12	28
2450-14383	00000/0000	2-10017/1450	04/16/76	20	6273	4444N	06903W	47.3	134.8	GGGG			12	29
2450-14385	00000/0000	2-10017/1451	04/16/76	60	6273	4318N	06935W	48.1	133.1	GGGG			12	30
2450-14392	00000/0000	2-10017/1452	04/16/76	70	6273	4153N	07005W	48.8	131.4	GGGG			12	31

KEYS: CLCUD COVER X ..... 0 TO 100 = % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0103

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN PRINCIPAL POINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2450-14394	00000/0000	2-10017/1453	04/16/76	100	6273	4027N	07036W	49.5	129.6	GGGG			12	32
2450-14401	00000/0000	2-10017/1454	04/16/76	80	6273	3901N	07105W	50.2	127.8	GGGF			12	33
2450-14403	00000/0000	2-10017/1455	04/16/76	40	6273	3736N	07134W	50.8	126.0	GGGG			12	34
2450-14410	00000/0000	2-10017/1456	04/16/76	40	6273	3610N	07201W	51.4	124.1	GGGG			12	35
2450-16203	00000/0000	2-10017/1365	04/16/76	90	6274	4859N	09306W	44.9	139.6	GGGN			30	26
2450-16205	00000/0000	2-10017/1366	04/16/76	50	6274	4733N	09343W	45.8	138.0	FGGG			30	27
2450-16212	00000/0000	2-10017/1367	04/16/76	70	6274	4608N	09418W	46.6	136.4	GGFG			30	28
2450-16214	00000/0000	2-10017/1368	04/16/76	60	6274	4443N	09452W	47.4	134.7	GGFG			30	29
2450-16221	00000/0000	2-10017/1369	04/16/76	20	6274	4317N	09524W	48.1	133.1	GGGG			30	30
2450-16223	00000/0000	2-10017/1370	04/16/76	10	6274	4152N	09556W	48.9	131.4	GGGG			30	31
2450-16230	00000/0000	2-10017/1371	04/16/76	10	6274	4027N	09626W	49.6	129.6	GGGG			30	32
2450-16232	00000/0000	2-10017/1372	04/16/76	10	6274	3901N	09655W	50.2	127.8	GGGG			30	33
2450-16235	00000/0000	2-10017/1373	04/16/76	10	6274	3735N	09724W	50.8	126.0	GGGG			30	34
2450-16241	00000/0000	2-10017/1374	04/16/76	10	6274	3609N	09751W	51.4	124.1	GGGG			30	35
2450-16244	00000/0000	2-10017/1375	04/16/76	0	6274	3443N	09818W	52.0	122.2	GGGG			30	36
2450-16250	00000/0000	2-10017/1376	04/16/76	0	6274	3317N	09844W	52.5	120.2	GGGG			30	37
2450-16253	00000/0000	2-10017/1377	04/16/76	10	6274	3151N	09909W	53.0	118.2	GGGG			30	38
2450-16255	00000/0000	2-10017/1378	04/16/76	10	6274	3025N	09934W	53.4	116.2	GGGG			30	39
2450-16262	00000/0000	2-10017/1379	04/16/76	10	6274	2859N	09958W	53.8	114.1	GGGG			30	40
2450-16264	00000/0000	2-10017/1380	04/16/76	10	6274	2733N	10022W	54.1	112.0	GGGG			30	41
2450-16271	00000/0000	2-10017/1381	04/16/76	10	6274	2606N	10046W	54.4	109.9	GGGG			30	42
2450-18034	00000/0000	2-10017/1428	04/16/76	70	6275	4858N	11853W	45.0	139.6	GGGG			48	26
2450-18041	00000/0000	2-10017/1429	04/16/76	30	6275	4734N	11930W	45.8	138.0	GGGG			48	27
2450-18043	00000/0000	2-10017/1430	04/16/76	30	6275	4608N	12005W	46.6	136.4	GGGG			48	28
2450-18050	00000/0000	2-10017/1427	04/16/76	70	6275	4443N	12039W	47.4	134.7	G FF			48	29
2450-18052	00000/0000	2-10017/1431	04/16/76	60	6275	4317N	12112W	48.2	133.0	GGGG			48	30
2450-18055	00000/0000	2-10017/1432	04/16/76	40	6275	4152N	12144W	48.9	131.3	GGGG			48	31
2450-18061	00000/0000	2-10017/1433	04/16/76	20	6275	4026N	12215W	49.6	129.6	GGGG			48	32
2450-18064	00000/0000	2-10017/1434	04/16/76	10	6275	3901N	12244W	50.2	127.8	GGGG			48	33
2450-18070	00000/0000	2-10017/1435	04/16/76	10	6275	3735N	12312W	50.9	126.0	FGGG			48	34
2450-18073	00000/0000	2-10017/1436	04/16/76	40	6275	3609N	12340W	51.5	124.1	GGFG			48	35
2450-21234	00000/0000	2-10017/1573	04/16/76	10	6277	7054N	15221W	29.1	167.5	GGGG			84	10
2450-21240	00000/0000	2-10017/1574	04/16/76	20	6277	6937N	15426W	30.2	165.0	GGGG			84	11
2450-21243	00000/0000	2-10017/1575	04/16/76	10	6277	6818N	15617W	31.3	162.8	GGGG			84	12
2450-21245	00000/0000	2-10017/1576	04/16/76	0	6277	6659N	15757W	32.4	160.8	GGGG			84	13
2450-21252	00000/0000	2-10017/1577	04/16/76	0	6277	6538N	15927W	33.4	158.8	GGGG			84	14

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0104

OBSERVATION ID	MICROFILM RBLI NR./ POSITION IN RBLI RBV	RBLI NR./ MSS	DATE ACQUIRED	CLOUD COVER	SUN NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2450-21254	00000/0000	2-10017/1578	04/16/76	10	6277	6416N	16048W	34.5	157.0	GGGG			84	15
2450-21261	00000/0000	2-10017/1579	04/16/76	10	6277	6255N	16202W	35.5	155.3	GGGG			84	16
2450-21263	00000/0000	2-10017/1580	04/16/76	70	6277	6133N	16310W	36.5	153.6	GGGG			84	17
2450-21270	00000/0000	2-10017/1581	04/16/76	70	6277	6010N	16414W	37.5	152.0	GGGG			84	18
2450-21272	00000/0000	2-10017/1582	04/16/76	20	6277	5847N	16512W	38.5	150.4	GGGG			84	19
2450-21275	00000/0000	2-10017/1583	04/16/76	70	6277	5724N	16607W	39.5	148.8	GGGG			84	20
2450-21281	00000/0000	2-10017/1584	04/16/76	70	6277	5600N	16658W	40.5	147.3	GGGG			84	21
2450-21284	00000/0000	2-10017/1585	04/16/76	70	6277	5436N	16747W	41.4	145.7	GGGG			84	22
2450-21290	00000/0000	2-10017/1586	04/16/76	70	6277	5312N	16832W	42.4	144.2	GGGG			84	23
2450-21293	00000/0000	2-10017/1587	04/16/76	60	6277	5148N	16915W	43.3	142.7	GFGG			84	24
2451-14434	00000/0000	2-10018/0001	04/17/76	80	6287	4607N	06956W	46.9	136.2	GGGG			13	28
2451-14441	00000/0000	2-10018/0002	04/17/76	40	6287	4442N	07029W	47.7	134.5	GGGG			13	29
2451-14443	00000/0000	2-10018/0003	04/17/76	10	6287	4317N	07101W	48.4	132.8	GGFG			13	30
2451-14450	00000/0000	2-10018/0004	04/17/76	10	6287	4151N	07132W	49.2	131.1	FFFG			13	31
2451-14455	00000/0000	2-10018/0005	04/17/76	10	6287	3900N	07231W	50.5	127.5	GGFF			13	33
2451-14461	00000/0000	2-10018/0006	04/17/76	10	6287	3733N	07300W	51.1	125.7	FFFF			13	34
2451-14464	00000/0000	2-10018/0007	04/17/76	10	6287	3608N	07327W	51.7	123.8	FFFF			13	35
2451-14470	00000/0000	2-10018/0008	04/17/76	40	6287	3442N	07354W	52.3	121.8	FFFG			13	36
2451-14473	00000/0000	2-10018/0009	04/17/76	30	6287	3316N	07420W	52.8	119.9	FFFF			13	37
2451-14475	00000/0000	2-10018/0010	04/17/76	0	6287	3149N	07445W	53.2	117.8	GGFG			13	38
2451-16261	00000/0000	2-10017/1457	04/17/76	60	6288	4857N	09433W	45.3	139.4	GGGG			31	26
2451-16264	00000/0000	2-10017/1458	04/17/76	40	6288	4732N	09510W	46.1	137.8	FGGG			31	27
2451-16270	00000/0000	2-10017/1459	04/17/76	30	6288	4607N	09545W	46.9	136.2	FGGG			31	28
2451-16273	00000/0000	2-10017/1460	04/17/76	50	6288	4442N	09619W	47.7	134.5	GGGG			31	29
2451-16275	00000/0000	2-10017/1461	04/17/76	50	6288	4317N	09651W	48.5	132.8	GGGG			31	30
2451-16282	00000/0000	2-10017/1462	04/17/76	80	6288	4151N	09723W	49.2	131.1	GFGG			31	31
2451-16284	00000/0000	2-10017/1463	04/17/76	60	6288	4025N	09753W	49.9	129.3	GFGG			31	32
2451-16291	00000/0000	2-10017/1464	04/17/76	40	6288	3859N	09822W	50.5	127.5	GGGG			31	33
2451-16293	00000/0000	2-10017/1465	04/17/76	30	6288	3733N	09850W	51.2	125.6	GGGG			31	34
2451-16300	00000/0000	2-10017/1466	04/17/76	60	6288	3608N	09917W	51.7	123.7	GGFG			31	35
2451-16302	00000/0000	2-10017/1467	04/17/76	90	6288	3442N	09943W	52.3	121.8	GGFF			31	36
2451-16305	00000/0000	2-10017/1468	04/17/76	100	6288	3316N	10009W	52.8	119.8	GGGG			31	37
2451-16311	00000/0000	2-10017/1469	04/17/76	90	6288	3150N	10034W	53.2	117.8	GGGG			31	38
2451-16314	00000/0000	2-10017/1470	04/17/76	100	6288	3024N	10059W	53.6	115.8	GGGG			31	39
2451-16320	00000/0000	2-10017/1471	04/17/76	70	6288	2858N	10123W	54.0	113.7	GGGG			31	40
2451-16323	00000/0000	2-10017/1472	04/17/76	10	6288	2731N	10147W	54.3	111.6	FGGG			31	41

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0105

OBSERVATION ID	MICROFILM RELI POSITION IN RELI RBV	NR./ MSS	DATE ACQUIRED	CL CLOUD	BD COVER	ORBIT NUMBER	PRINCIPAL SF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2451-18093	00000/0000	2-10017/1473	04/17/76	40	6289	4857N	12021W	45.3	139.4		GGGG			49	26
2451-18095	00000/0000	2-10017/1474	04/17/76	70	6289	4732N	12058W	46.1	137.8		GFFG			49	27
2451-18102	00000/0000	2-10017/1475	04/17/76	90	6289	4607N	12133W	47.0	136.2		GFGG			49	28
2451-18104	00000/0000	2-10017/1476	04/17/76	100	6289	4442N	12207W	47.7	134.5		FGGG			49	29
2451-18111	00000/0000	2-10017/1477	04/17/76	100	6289	4316N	12240W	48.5	132.8		FFGG			49	30
2451-18113	00000/0000	2-10017/1478	04/17/76	100	6289	4151N	12311W	49.2	131.1		GFGG			49	31
2451-18120	00000/0000	2-10017/1479	04/17/76	90	6289	4025N	12341W	49.9	129.3		GGGG			49	32
2451-18122	00000/0000	2-10017/1480	04/17/76	80	6289	3900N	12410W	50.6	127.5		GGGG			49	33
2451-21292	00000/0000	2-10017/1481	04/17/76	0	6291	7056N	15344W	29.4	167.6		GGGG			85	10
2451-21294	00000/0000	2-10017/1482	04/17/76	20	6291	6939N	15548W	30.5	165.1		GFGG			85	11
2451-21301	00000/0000	2-10017/1483	04/17/76	0	6291	6820N	15740W	31.6	162.9		GFGG			85	12
2451-21303	00000/0000	2-10017/1484	04/17/76	0	6291	6700N	15920W	32.7	160.8		GFGG			85	13
2451-21310	00000/0000	2-10017/1485	04/17/76	10	6291	6540N	16050W	33.7	158.9		GGGG			85	14
2451-21312	00000/0000	2-10017/1486	04/17/76	0	6291	6419N	16211W	34.8	157.0		GGGG			85	15
2451-21315	00000/0000	2-10017/1487	04/17/76	0	6291	6257N	16325W	35.8	155.3		GGGG			85	16
2451-21321	00000/0000	2-10017/1488	04/17/76	0	6291	6135N	16434W	36.9	153.6		GGGG			85	17
2451-21324	00000/0000	2-10017/1489	04/17/76	30	6291	6012N	16537W	37.9	152.0		FGGG			85	18
2451-21330	00000/0000	2-10017/1490	04/17/76	40	6291	5849N	16636W	38.9	150.4		GGGG			85	19
2451-21333	00000/0000	2-10017/1491	04/17/76	70	6291	5726N	16731W	39.8	148.8		FGGF			85	20
2451-21335	00000/0000	2-10017/1492	04/17/76	60	6291	5602N	16822W	40.8	147.2		GGGG			85	21
2451-21342	00000/0000	2-10017/1493	04/17/76	80	6291	5438N	16910W	41.8	145.7		GGGG			85	22
2451-21344	00000/0000	2-10017/1494	04/17/76	70	6291	5314N	16955W	42.7	144.1		FGGG			85	23
2451-21351	00000/0000	2-10017/1495	04/17/76	50	6291	5150N	17038W	43.6	142.6		GGGG			85	24
2452-14490	00000/0000	2-10017/1517	04/18/76	90	6301	4734N	07045W	46.4	137.7		GGGG			14	27
2452-14493	00000/0000	2-10017/1518	04/18/76	30	6301	4609N	07120W	47.2	136.0		GGGG			14	28
2452-14495	00000/0000	2-10017/1519	04/18/76	10	6301	4443N	07154W	48.0	134.3		GGGG			14	29
2452-14502	00000/0000	2-10017/1520	04/18/76	10	6301	4317N	07227W	48.8	132.6		GGGG			14	30
2452-14504	00000/0000	2-10017/1521	04/18/76	10	6301	4152N	07259W	49.5	130.9		FGGG			14	31
2452-14511	00000/0000	2-10017/1522	04/18/76	10	6301	4027N	07329W	50.2	129.1		FGGF			14	32
2452-14513	00000/0000	2-10017/1523	04/18/76	0	6301	3901N	07357W	50.8	127.3		GFGG			14	33
2452-14520	00000/0000	2-10017/1524	04/18/76	10	6301	3735N	07426W	51.4	125.4		GGGG			14	34
2452-14522	00000/0000	2-10017/1525	04/18/76	20	6301	3610N	07454W	52.0	123.5		GFGG			14	35
2452-14525	00000/0000	2-10017/1526	04/18/76	20	6301	3444N	07521W	52.5	121.5		GGGG			14	36
2452-14531	00000/0000	2-10017/1527	04/18/76	20	6301	3318N	07547W	53.0	119.5		GGGG			14	37
2452-14534	00000/0000	2-10017/1528	04/18/76	20	6301	3151N	07612W	53.5	117.5		GGGG			14	38
2452-14540	00000/0000	2-10017/1529	04/18/76	10	6301	3025N	07637W	53.9	115.4		GFFG			14	39

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0104

OBSERVATION ID	MICROFILM RELI NO./ POSITION IN RELI RBV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2452-16315	00000/0000	2-10017/1536	04/18/76	90	6302 4858N	09600W	45.6 139.3	FGGG			32	26
2452-16322	00000/0000	2-10017/1537	04/18/76	90	6302 4734N	09636W	46.4 137.7	FGFF			32	27
2452-16324	00000/0000	2-10017/1538	04/18/76	90	6302 4609N	09712W	47.2 136.0	FGFF			32	28
2452-16331	00000/0000	2-10017/1539	04/18/76	90	6302 4443N	09745W	48.0 134.3	GGGG			32	29
2452-16333	00000/0000	2-10017/1540	04/18/76	70	6302 4317N	09817W	48.8 132.6	GGGG			32	30
2452-16340	00000/0000	2-10017/1541	04/18/76	50	6302 4152N	09848W	49.5 130.9	GGGG			32	31
2452-16342	00000/0000	2-10017/1542	04/18/76	40	6302 4027N	09919W	50.2 129.1	GGGG			32	32
2452-16345	00000/0000	2-10017/1543	04/18/76	10	6302 3901N	09948W	50.8 127.2	GGGG			32	33
2452-16351	00000/0000	2-10017/1544	04/18/76	10	6302 3735N	10016W	51.4 125.4	GGGG			32	34
2452-16354	00000/0000	2-10017/1545	04/18/76	10	6302 3609N	10043W	52.0 123.5	GGGG			32	35
2452-16360	00000/0000	2-10017/1546	04/18/76	20	6302 3444N	10110W	52.6 121.5	GGGG			32	36
2452-16363	00000/0000	2-10017/1547	04/18/76	20	6302 3317N	10135W	53.0 119.5	GGGG			32	37
2452-16365	00000/0000	2-10017/1548	04/18/76	0	6302 3151N	10200W	53.5 117.5	GGGG			32	38
2452-16372	00000/0000	2-10017/1549	04/18/76	0	6302 3026N	10223W	53.9 115.4	GGGG			32	39
2452-16374	00000/0000	2-10017/1550	04/18/76	10	6302 2859N	10249W	54.2 113.3	GGGG			32	40
2452-16381	00000/0000	2-10017/1551	04/18/76	10	6302 2733N	10313W	54.5 111.1	GGGG			32	41
2452-18151	00000/0000	2-10017/1565	04/18/76	90	6303 4859N	12147W	45.6 139.3	FGGG			50	26
2452-18153	00000/0000	2-10017/1566	04/18/76	80	6303 4734N	12224W	46.5 137.7	GGGG			50	27
2452-18160	00000/0000	2-10017/1567	04/18/76	80	6303 4608N	12259W	47.3 136.0	FGGG			50	28
2452-18162	00000/0000	2-10017/1568	04/18/76	80	6303 4443N	12333W	48.1 134.3	GGGG			50	29
2452-18165	00000/0000	2-10017/1569	04/18/76	40	6303 4318N	12405W	48.8 132.6	GGGG			50	30
2452-18171	00000/0000	2-10017/1570	04/18/76	10	6303 4153N	12436W	49.5 130.8	GGGG			50	31
2452-18174	00000/0000	2-10017/1571	04/18/76	10	6303 4027N	12506W	50.2 129.1	GGGG			50	32
2452-18180	00000/0000	2-10017/1572	04/18/76	20	6303 3901N	12535W	50.9 127.2	GGGG			50	33
2452-19532	00000/0000	2-10017/1496	04/18/76	10	6304 6538N	13628W	34.1 158.8	GGGG			68	14
2452-19535	00000/0000	2-10017/1497	04/18/76	20	6304 6417N	13750W	35.1 157.0	GGGG			68	15
2452-19541	00000/0000	2-10017/1498	04/18/76	10	6304 6255N	13905W	36.2 155.2	GGGG			68	16
2452-19544	00000/0000	2-10017/1499	04/18/76	0	6304 6133N	14013W	37.2 153.5	GGGG			68	17
2452-19550	00000/0000	2-10017/1500	04/18/76	40	6304 6011N	14116W	38.2 151.9	GGGG			68	18
2452-19553	00000/0000	2-10017/1501	04/18/76	50	6304 5848N	14215W	39.2 150.3	GGGG			68	19
2452-21350	00000/0000	2-10017/1502	04/18/76	0	6305 7054N	15507W	29.8 167.5	FGGG			86	10
2452-21353	00000/0000	2-10017/1503	04/18/76	80	6305 6937N	15712W	30.9 165.1	GGGG			86	11
2452-21355	00000/0000	2-10017/1504	04/18/76	10	6305 6818N	15904W	32.0 162.9	FGGG			86	12
2452-21362	00000/0000	2-10017/1505	04/18/76	0	6305 6659N	16045W	33.1 160.8	GGGG			86	13
2452-21364	00000/0000	2-10017/1506	04/18/76	10	6305 6539N	16215W	34.1 158.8	GGGG			86	14
2452-21371	00000/0000	2-10017/1507	04/18/76	0	6305 6417N	16337W	35.2 157.0	GGGG			86	15

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0107

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2452-21373	00000/0000	2-10017/1508	04/18/76	0	6305	6256N 16452W	36.2	155.2	GGGF			86	16
2452-21380	00000/0000	2-10017/1509	04/18/76	10	6305	6133N 16601W	37.2	153.5	GGGF			86	17
2452-21382	00000/0000	2-10017/1510	04/18/76	10	6305	6010N 16704W	38.2	151.9	FGGG			86	18
2452-21385	00000/0000	2-10017/1511	04/18/76	10	6305	5847N 16803W	39.2	150.3	GGGG			86	19
2452-21391	00000/0000	2-10017/1512	04/18/76	10	6305	5724N 16858W	40.2	148.7	GGGG			86	20
2452-21394	00000/0000	2-10017/1513	04/18/76	20	6305	5600N 16949W	41.2	147.1	GGGG			86	21
2452-21400	00000/0000	2-10017/1514	04/18/76	50	6305	5436N 17037W	42.1	145.6	GGGF			86	22
2452-21403	00000/0000	2-10017/1515	04/18/76	90	6305	5312N 17121W	43.0	144.0	GGGG			86	23
2452-21405	00000/0000	2-10017/1516	04/18/76	60	6305	5148N 17203W	43.9	142.4	GGGG			86	24
2453-14544	00000/0000	2-10017/1538	04/19/76	70	6315	4735N 07211W	46.7	137.5	GGGG			15	27
2453-14551	00000/0000	2-10017/1589	04/19/76	20	6315	4610N 07246W	47.5	135.9	GGGG			15	28
2453-14553	00000/0000	2-10017/1590	04/19/76	10	6315	4445N 07320W	48.3	134.2	GGGG			15	29
2453-14560	00000/0000	2-10017/1591	04/19/76	10	6315	4319N 07353W	49.1	132.4	FGGG			15	30
2453-14562	00000/0000	2-10017/1592	04/19/76	10	6315	4154N 07424W	49.8	130.7	GGGG			15	31
2453-14565	00000/0000	2-10017/1593	04/19/76	10	6315	4029N 07454W	50.4	128.9	FGGG			15	32
2453-14571	00000/0000	2-10017/1594	04/19/76	30	6315	3903N 07523W	51.1	127.0	GGGG			15	33
2453-14574	00000/0000	2-10017/1595	04/19/76	60	6315	3737N 07552W	51.7	125.1	GGGG			15	34
2453-14580	00000/0000	2-10017/1596	04/19/76	70	6315	3612N 07619W	52.3	123.2	GGGG			15	35
2453-14583	00000/0000	2-10017/1597	04/19/76	40	6315	3446N 07646W	52.8	121.2	GGGG			15	36
2453-14585	00000/0000	2-10017/1598	04/19/76	30	6315	3319N 07712W	53.3	119.2	GGGG			15	37
2453-14592	00000/0000	2-10017/1599	04/19/76	50	6315	3153N 07738W	53.7	117.1	GGGG			15	38
2453-15001	00000/0000	2-10017/1600	04/19/76	50	6315	2901N 07826W	54.5	112.9	FGGG			15	40
2453-15003	00000/0000	2-10017/1601	04/19/76	70	6315	2735N 07850W	54.8	110.7	GGGG			15	41
2453-15012	00000/0000	2-10017/1602	04/19/76	60	6315	2441N 07936W	55.2	106.4	GGGG			15	43
2453-16373	00000/0000	2-10017/1382	04/19/76	20	6316	4900N 09724W	45.9	139.2	GGGG			33	26
2453-16380	00000/0000	2-10017/1383	04/19/76	10	6316	4735N 09801W	46.8	137.5	GGGG			33	27
2453-16382	00000/0000	2-10017/1384	04/19/76	10	6316	4610N 09836W	47.6	135.9	GGGG			33	28
2453-16385	00000/0000	2-10017/1385	04/19/76	80	6316	4445N 09910W	48.3	134.2	GGGG			33	29
2453-16391	00000/0000	2-10017/1386	04/19/76	80	6316	4320N 09943W	49.1	132.4	GGGF			33	30
2453-16394	00000/0000	2-10017/1387	04/19/76	70	6316	4154N 10014W	49.8	130.7	GGGF			33	31
2453-16400	00000/0000	2-10017/1388	04/19/76	60	6316	4029N 10044W	50.5	128.8	GGGG			33	32
2453-16403	00000/0000	2-10017/1389	04/19/76	40	6316	3904N 10113W	51.1	127.0	GGGG			33	33
2453-16405	00000/0000	2-10017/1552	04/19/76	40	6316	3738N 10140W	51.7	125.1	GGGG			33	34
2453-16412	00000/0000	2-10017/1553	04/19/76	70	6316	3612N 10207W	52.3	123.2	GGGG			33	35
2453-16414	00000/0000	2-10017/1554	04/19/76	30	6316	3446N 10234W	52.8	121.2	GGGG			33	36
2453-16421	00000/0000	2-10017/1555	04/19/76	10	6316	3320N 10300W	53.3	119.2	FGGG			33	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0108

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2453-16423	00000/0000	2-10017/1556	04/19/76	10	6316	3154N	10326W	53.7	117.1				
2453-16430	00000/0000	2-10017/1557	04/19/76	10	6316	3028N	10350W	54.1	115.0	GGGG		33	38
2453-16432	00000/0000	2-10017/1558	04/19/76	0	6316	2901N	10415W	54.5	112.9	GGGF		33	39
2453-16435	00000/0000	2-10017/1559	04/19/76	20	6316	2734N	10439W	54.8	110.7	GGGG		33	40
2453-18205	00000/0000	2-10017/1530	04/19/76	70	6317	4901N	12312W	45.9	139.1	GGGG		33	41
2453-18212	00000/0000	2-10017/1531	04/19/76	80	6317	4736N	12349W	46.8	137.5	FQGF		51	26
2453-18214	00000/0000	2-10017/1532	04/19/76	90	6317	4611N	12425W	47.4	135.8	GGFF		51	27
2453-18221	00000/0000	2-10017/1533	04/19/76	90	6317	4446N	12458W	48.4	134.1	GGGF		51	28
2453-18223	00000/0000	2-10017/1534	04/19/76	90	6317	4321N	12530W	49.1	132.4	FQGF		51	29
2453-18230	00000/0000	2-10017/1535	04/19/76	80	6317	4153N	12601W	49.8	130.6	GGFF		51	30
2453-21404	00000/0000	2-10017/1603	04/19/76	10	6319	7056N	15635W	30.1	167.6	FQGF		51	31
2453-21411	00000/0000	2-10017/1604	04/19/76	40	6319	6938N	15840W	31.2	165.2	FFGF		87	10
2453-21413	00000/0000	2-10017/1605	04/19/76	0	6319	6820N	16033W	32.3	162.9	GGFF		87	11
2453-21420	00000/0000	2-10017/1606	04/19/76	10	6319	6700N	16214W	33.4	160.8	GGGF		87	12
2453-21422	00000/0000	2-10017/1607	04/19/76	10	6319	6540N	16344W	34.5	158.9	GGFF		87	13
2453-21425	00000/0000	2-10017/1608	04/19/76	10	6319	6419N	16506W	35.5	157.0	FFGF		87	14
2453-21431	00000/0000	2-10017/1609	04/19/76	0	6319	6257N	16620W	36.5	155.2	GGFF		87	15
2453-21434	00000/0000	2-10017/1610	04/19/76	0	6319	6135N	16729W	37.6	153.5	FFGF		87	16
2453-21440	00000/0000	2-10017/1611	04/19/76	0	6319	6011N	16831W	38.6	151.9	GGGF		87	17
2453-21443	00000/0000	2-10017/1612	04/19/76	0	6319	5848N	16930W	39.6	150.2	GGGF		87	18
2453-21445	00000/0000	2-10017/1613	04/19/76	10	6319	5725N	17024W	40.5	148.7	GGGF		87	19
2453-21452	00000/0000	2-10017/1614	04/19/76	50	6319	5601N	17115W	41.5	147.1	GGGF		87	20
2453-21454	00000/0000	2-10017/1615	04/19/76	80	6319	5437N	17203W	42.4	145.5	GGGF		87	21
2453-21461	00000/0000	2-10017/1616	04/19/76	90	6319	5313N	17249W	43.4	143.9	GGGF		87	22
2453-21463	00000/0000	2-10017/1617	04/19/76	90	6319	5149N	17332W	44.3	142.3	GGGF		87	23
2454-15003	00000/0000	2-10018/0011	04/20/76	60	6329	4734N	07337W	47.1	137.3	GGGF		87	24
2454-15005	00000/0000	2-10018/0012	04/20/76	10	6329	4608N	07412W	47.9	135.6	GGGF		16	27
2454-15012	00000/0000	2-10018/0013	04/20/76	40	6329	4443N	07446W	48.6	133.9	GGGF		16	28
2454-15014	00000/0000	2-10018/0014	04/20/76	30	6329	4318N	07518W	49.4	132.2	GGGF		16	29
2454-15021	00000/0000	2-10018/0015	04/20/76	30	6329	4152N	07550W	50.1	130.4	GGGF		16	30
2454-15023	00000/0000	2-10018/0016	04/20/76	10	6329	4027N	07621W	50.8	128.5	GGGF		16	31
2454-15030	00000/0000	2-10018/0017	04/20/76	10	6329	3901N	07651W	51.4	126.7	GGGF		16	32
2454-15032	00000/0000	2-10018/0018	04/20/76	10	6329	3735N	07719W	52.0	124.8	GGGF		16	33
2454-15035	00000/0000	2-10018/0019	04/20/76	0	6329	3609N	07747W	52.6	122.8	GGGF		16	34
2454-15044	00000/0000	2-10018/0020	04/20/76	10	6329	3317N	07840W	53.6	118.8	GGGF		16	35
2454-15053	00000/0000	2-10018/0021	04/20/76	20	6329	3025N	07929W	54.4	114.6	GGGF		16	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0109

OBSERVATION ID	MICROFILM RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME RBW NUMBER
2454-15055	00000/0000	2-1001R/0022	04/20/76	20	6329	2900N	07953W	54.7	112.4	GGGG			16	40
2454-15064	00000/0000	2-1001R/0023	04/20/76	40	6329	2607N	08040W	55.2	108.0	GGGG	H		16	42
2454-15071	00000/0000	2-1001R/0024	04/20/76	30	6329	2440N	08103W	55.4	105.8	FGGG	H		16	43
2454-16432	00000/0000	2-10017/1618	04/20/76	80	6330	4859N	09850W	46.3	139.0	GGGG			34	26
2454-16434	00000/0000	2-10017/1619	04/20/76	90	6330	4734N	09927W	47.1	137.3	GFGG			34	27
2454-16441	00000/0000	2-10017/1620	04/20/76	30	6330	4609N	10002W	47.9	135.6	GGGG			34	28
2454-16443	00000/0000	2-10017/1621	04/20/76	10	6330	4443N	10036W	48.7	133.9	GGGG			34	29
2454-16450	00000/0000	2-10017/1622	04/20/76	10	6330	4317N	10108W	49.4	132.2	GGFG			34	30
2454-16452	00000/0000	2-10017/1623	04/20/76	10	6330	4152N	10139W	50.1	130.4	GGGG			34	31
2454-16455	00000/0000	2-10017/1624	04/20/76	10	6330	4026N	10209W	50.8	128.5	GGGG			34	32
2454-16461	00000/0000	2-10017/1625	04/20/76	10	6330	3901N	10238W	51.4	126.7	GGGG			34	33
2454-16464	00000/0000	2-10017/1626	04/20/76	20	6330	3735N	10307W	52.0	124.7	GGGG			34	34
2454-16470	00000/0000	2-10017/1627	04/20/76	20	6330	3609N	10334W	52.6	122.8	GGFG			34	35
2454-16473	00000/0000	2-10017/1628	04/20/76	10	6330	3444N	10401W	53.1	120.8	GGGG			34	36
2454-16475	00000/0000	2-10017/1629	04/20/76	10	6330	3318N	10427W	53.6	118.7	GGGG			34	37
2454-16482	00000/0000	2-10017/1630	04/20/76	0	6330	3151N	10453W	54.0	116.6	GGGG			34	38
2454-16484	00000/0000	2-10017/1631	04/20/76	0	6330	3025N	10517W	54.4	114.5	GGGG			34	39
2454-16491	00000/0000	2-10017/1632	04/20/76	0	6330	2859N	10541W	54.7	112.4	GGFG			34	40
2454-18263	00000/0000	2-1001R/0041	04/20/76	50	6331	4858N	12440W	46.3	139.0	GGGG			52	26
2454-18270	00000/0000	2-1001R/0042	04/20/76	40	6331	4733N	12517W	47.1	137.3	GGGG			52	27
2454-18272	00000/0000	2-1001R/0043	04/20/76	40	6331	4608N	12552W	47.9	135.6	GGGG			52	28
2454-18275	00000/0000	2-1001R/0044	04/20/76	40	6331	4443N	12626W	48.7	133.9	GGGG			52	29
2454-21460	00000/0000	2-1001R/0025	04/20/76	10	6333	7212N	15536W	29.4	170.4	GGGG			88	9
2454-21462	00000/0000	2-1001R/0026	04/20/76	20	6333	7056N	15758W	30.5	167.7	FGGG			88	10
2454-21465	00000/0000	2-1001R/0027	04/20/76	20	6333	6939N	16003W	31.6	165.2	GFGG			88	11
2454-21471	00000/0000	2-1001R/0028	04/20/76	20	6333	6821N	16155W	32.6	163.0	GFGG			88	12
2454-21474	00000/0000	2-1001R/0029	04/20/76	10	6333	6702N	16335W	33.7	160.9	GFGG			88	13
2454-21480	00000/0000	2-1001R/0030	04/20/76	10	6333	6541N	16505W	34.8	158.9	GGFG			88	14
2454-21483	00000/0000	2-1001R/0031	04/20/76	10	6333	6420N	16627W	35.8	157.0	GGGF			88	15
2454-21485	00000/0000	2-1001R/0032	04/20/76	40	6333	6259N	16742W	36.9	155.2	GGGG			88	16
2454-21492	00000/0000	2-1001R/0033	04/20/76	30	6333	6137N	16850W	37.9	153.5	GFGG			88	17
2454-21494	00000/0000	2-1001R/0034	04/20/76	10	6333	6013N	16954W	38.9	151.9	GGGG			88	18
2454-21501	00000/0000	2-1001R/0035	04/20/76	0	6333	5850N	17053W	39.9	150.2	GGGG			88	19
2454-21503	00000/0000	2-1001R/0036	04/20/76	40	6333	5727N	17148W	40.9	148.6	GGGG			88	20
2454-21510	00000/0000	2-1001R/0037	04/20/76	90	6333	5603N	17239W	41.8	147.0	GGGG			88	21
2454-21512	00000/0000	2-1001R/0038	04/20/76	80	6333	5439N	17327W	42.8	145.4	GGGG			88	22

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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0110

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBV NUMBER
2454-21515	00000/0000	2-10018/0039	04/20/76	20	6333	5314N	17413W	43.7	143.8	GGGG		88	23
2454-21521	00000/0000	2-10018/0040	04/20/76	30	6333	5150N	17456W	44.6	142.2	GGGG		88	24
2455-15061	00000/0000	2-10018/0047	04/21/76	80	6343	4731N	07504W	47.4	137.1	GGGG		17	27
2455-15063	00000/0000	2-10018/0048	04/21/76	80	6343	4606N	07539W	48.2	135.4	GGGG		17	28
2455-15070	00000/0000	2-10018/0049	04/21/76	20	6343	4441N	07613W	49.0	133.7	GGGG		17	29
2455-15072	00000/0000	2-10018/0050	04/21/76	20	6343	4316N	07646W	49.7	131.9	GGGG		17	30
2455-15075	00000/0000	2-10018/0051	04/21/76	30	6343	4150N	07717W	50.4	130.1	GGGG		17	31
2455-15081	00000/0000	2-10018/0052	04/21/76	20	6343	4025N	07747W	51.1	128.2	GGGG		17	32
2455-15084	00000/0000	2-10018/0053	04/21/76	10	6343	3859N	07816W	51.7	126.3	GGGG		17	33
2455-15090	00000/0000	2-10018/0054	04/21/76	10	6343	3733N	07845W	52.3	124.4	GGGG		17	34
2455-15093	00000/0000	2-10018/0055	04/21/76	10	6343	3608N	07912W	52.9	122.4	GGGG		17	35
2455-15095	00000/0000	2-10018/0056	04/21/76	50	6343	3442N	07939W	53.4	120.4	GGGG		17	36
2455-15102	00000/0000	2-10018/0057	04/21/76	70	6343	3316N	08005W	53.8	118.3	GGGG		17	37
2455-15104	00000/0000	2-10018/0058	04/21/76	50	6343	3149N	08030W	54.2	116.2	GGGG		17	38
2455-15111	00000/0000	2-10018/0059	04/21/76	30	6343	3023N	08055W	54.6	114.1	GGGG		17	39
2455-15113	00000/0000	2-10018/0060	04/21/76	30	6343	2857N	08119W	54.9	111.9	GGGG		17	40
2455-15120	00000/0000	2-10018/0061	04/21/76	50	6343	2730N	08143W	55.2	109.7	GGGG		17	41
2455-15122	00000/0000	2-10018/0062	04/21/76	30	6343	2604N	08206W	55.4	107.5	GGGG		17	42
2455-15125	00000/0000	2-10018/0063	04/21/76	30	6343	2438N	08229W	55.6	105.3	GGGG		17	43
2455-16490	00000/0000	2-10017/1634	04/21/76	80	6344	4856N	10017W	46.6	138.8	GGGG		35	26
2455-16493	00000/0000	2-10017/1635	04/21/76	90	6344	4731N	10053W	47.4	137.1	GGGG		35	27
2455-16495	00000/0000	2-10017/1636	04/21/76	90	6344	4606N	10129W	48.2	135.4	GGGG		35	28
2455-16502	00000/0000	2-10017/1637	04/21/76	40	6344	4441N	10202W	49.0	133.6	GGGG		35	29
2455-16504	00000/0000	2-10017/1638	04/21/76	10	6344	4315N	10235W	49.7	131.9	GGGG		35	30
2455-16511	00000/0000	2-10017/1639	04/21/76	30	6344	4150N	10306W	50.4	130.1	GGGG		35	31
2455-16513	00000/0000	2-10017/1640	04/21/76	50	6344	4025N	10336W	51.1	128.2	GGGG		35	32
2455-16520	00000/0000	2-10017/1641	04/21/76	40	6344	3859N	10405W	51.7	126.3	GGGG		35	33
2455-16522	00000/0000	2-10017/1642	04/21/76	10	6344	3733N	10433W	52.3	124.4	GGGG		35	34
2455-16525	00000/0000	2-10017/1633	04/21/76	0	6344	3607N	10500W	52.9	122.4	GGGG		35	35
2455-16531	00000/0000	2-10017/1643	04/21/76	10	6344	3441N	10527W	53.4	120.4	GGGG		35	36
2455-16534	00000/0000	2-10017/1644	04/21/76	0	6344	3316N	10553W	53.8	118.3	GGGG		35	37
2455-16540	00000/0000	2-10017/1645	04/21/76	10	6344	3150N	10619W	54.3	116.2	GGGG		35	38
2455-16543	00000/0000	2-10017/1646	04/21/76	0	6344	3023N	10644W	54.6	114.0	GGGG		35	39
2455-18322	00000/0000	2-10018/0045	04/21/76	80	6345	4856N	12606W	46.6	138.8	GGGG		53	26
2455-18324	00000/0000	2-10018/0046	04/21/76	70	6345	4731N	12643W	47.5	137.1	GGGG		53	27
2455-21514	00000/0000	2-10018/0218	04/21/76	60	6347	7208N	15713W	29.8	170.2	GGGG		89	9

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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0111

OBSERVATION ID	MICROFILM RBL NR./ POSITION IN RBL RBV	REL. NR./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINT LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2455-21521	00000/0000	2-1001R/0219	04/21/76	20	6347	7052N	15933W	30.9	167.5	GGGG			89	10
2455-21530	00000/0000	2-1001R/0220	04/21/76	50	6347	6816N	16328W	33.1	162.8	GGGG			89	12
2455-21532	00000/0000	2-1001R/0221	04/21/76	40	6347	6656N	16507W	34.1	160.7	GGGG			89	13
2455-21535	00000/0000	2-1001R/0222	04/21/76	20	6347	6536N	16636W	35.2	158.8	GGGG			89	14
2455-21541	00000/0000	2-1001R/0223	04/21/76	0	6347	6415N	16757W	36.2	156.9	GGGG			89	15
2455-21544	00000/0000	2-1001R/0224	04/21/76	10	6347	6253N	16911W	37.3	155.1	GGGG			89	16
2455-21550	00000/0000	2-1001R/0225	04/21/76	0	6347	6131N	17020W	38.3	153.4	GGGG			89	17
2455-21553	00000/0000	2-1001R/0226	04/21/76	40	6347	6008N	17123W	39.3	151.7	GGGG			89	18
2455-21555	00000/0000	2-1001R/0227	04/21/76	70	6347	5845N	17223W	40.3	150.0	GGGG			89	19
2455-21562	00000/0000	2-1001R/0228	04/21/76	90	6347	5722N	17317W	41.3	148.4	GGGG			89	20
2455-21564	00000/0000	2-1001R/0229	04/21/76	100	6347	5558N	17408W	42.2	146.8	GGGG			89	21
2455-21571	00000/0000	2-1001R/0230	04/21/76	90	6347	5434N	17455W	43.2	145.2	GGGG			89	22
2455-21573	00000/0000	2-1001R/0231	04/21/76	70	6347	5310N	17540W	44.1	143.6	GGGG			89	23
2455-21580	00000/0000	2-1001R/0232	04/21/76	60	6347	5145N	17623W	45.0	142.0	GGGG			89	24
2456-16544	00000/0000	2-1001R/0064	04/22/76	80	6358	4855N	10143W	47.0	138.6	GG			36	26
2456-16551	00000/0000	2-1001R/0065	04/22/76	80	6358	4729N	10220W	47.8	136.9	GGGG			36	27
2456-16553	00000/0000	2-1001R/0066	04/22/76	70	6358	4604N	10256W	48.6	135.1	GGGG			36	28
2456-16560	00000/0000	2-1001R/0067	04/22/76	60	6358	4438N	10329W	49.3	133.4	GGGG			36	29
2456-16562	00000/0000	2-1001R/0068	04/22/76	60	6358	4313N	10402W	50.1	131.6	GGGG			36	30
2456-16565	00000/0000	2-1001R/0069	04/22/76	30	6358	4148N	10433W	50.7	129.8	GGGG			36	31
2456-16571	00000/0000	2-1001R/0070	04/22/76	30	6358	4022N	10503W	51.4	127.9	GGGG			36	32
2456-16574	00000/0000	2-1001R/0071	04/22/76	30	6358	3857N	10531W	52.0	126.0	GGGG			36	33
2456-16580	00000/0000	2-1001R/0072	04/22/76	30	6358	3731N	10559W	52.6	124.0	GGGG			36	34
2456-16583	00000/0000	2-1001R/0073	04/22/76	40	6358	3606N	10627W	53.2	122.0	GGGG			36	35
2456-16585	00000/0000	2-1001R/0074	04/22/76	50	6358	3440N	10654W	53.7	119.9	GGGG			36	36
2456-16592	00000/0000	2-1001R/0075	04/22/76	70	6358	3313N	10720W	54.1	117.9	GGGG			36	37
2456-16594	00000/0000	2-1001R/0076	04/22/76	60	6358	3147N	10746W	54.5	115.7	GGGG			36	38
2456-17001	00000/0000	2-1001R/0077	04/22/76	60	6358	3021N	10810W	54.9	113.6	GGGG			36	39
2456-17003	00000/0000	2-1001R/0078	04/22/76	10	6358	2855N	10834W	55.2	111.4	GGGG			36	40
2456-21573	00000/0000	2-1001R/0106	04/22/76	30	6361	7209N	15833W	30.1	170.3	GGFG			90	9
2456-21575	00000/0000	2-1001R/0107	04/22/76	20	6361	7053N	16054W	31.2	167.6	GGGG			90	10
2456-21582	00000/0000	2-1001R/0108	04/22/76	10	6361	6936N	16259W	32.3	165.1	GGGG			90	11
2456-21584	00000/0000	2-1001R/0109	04/22/76	10	6361	6817N	16450W	33.4	162.9	GGGG			90	12
2456-21591	00000/0000	2-1001R/0110	04/22/76	0	6361	6657N	16630W	34.5	160.8	GGGG			90	13
2456-21593	00000/0000	2-1001R/0111	04/22/76	10	6361	6537N	16759W	35.5	158.8	GGGG			90	14
2456-22000	00000/0000	2-1001R/0112	04/22/76	10	6361	6416N	16921W	36.6	156.9	GGGG			90	15

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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
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FROM 01/22/76 TO 01/22/77

PAGE 0112

OBSERVATION ID	MICROFILM POSITION R&V	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SBBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RRV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2456-22002	00000/0000	2-10018/0113	04/22/76	10	6361	6254N	17037W	37.6	155.1	GGGG			90	16
2456-22005	00000/0000	2-10018/0114	04/22/76	0	6361	6131N	17146W	38.6	153.4	GGGG			90	17
2456-22011	00000/0000	2-10018/0115	04/22/76	10	6361	6009N	17250W	39.6	151.7	GGGG			90	18
2456-22014	00000/0000	2-10018/0116	04/22/76	10	6361	5846N	17348W	40.6	150.0	GGGG			90	19
2456-22020	00000/0000	2-10018/0117	04/22/76	20	6361	5723N	17442W	41.6	148.4	GGGG			90	20
2456-22023	00000/0000	2-10018/0118	04/22/76	40	6361	5559N	17533W	42.5	146.8	GGGG			90	21
2456-22025	00000/0000	2-10018/0119	04/22/76	40	6361	5435N	17620W	43.5	145.1	GGGG			90	22
2456-22032	00000/0000	2-10018/0120	04/22/76	40	6361	5311N	17705W	44.4	143.5	GGGG			90	23
2456-22034	00000/0000	2-10018/0121	04/22/76	50	6361	5147N	17748W	45.3	141.9	GGGG			90	24
2457-15171	00000/0000	2-10018/0144	04/23/76	90	6371	4856N	07720W	47.2	138.4	GGGG			19	26
2457-15173	00000/0000	2-10018/0145	04/23/76	90	6371	4731N	07756W	48.1	136.7	GGGG			19	27
2457-15180	00000/0000	2-10018/0146	04/23/76	90	6371	4606N	07831W	48.8	135.0	GGGG			19	28
2457-15182	00000/0000	2-10018/0147	04/23/76	80	6371	4441N	07905W	49.6	133.2	GGGG			19	29
2457-15185	00000/0000	2-10018/0148	04/23/76	50	6371	4315N	07937W	50.3	131.4	GGGG			19	30
2457-15191	00000/0000	2-10018/0149	04/23/76	10	6371	4150N	08008W	51.0	129.5	GGGG			19	31
2457-15194	00000/0000	2-10018/0150	04/23/76	10	6371	4024N	08038W	51.7	127.7	GGGG			19	32
2457-15200	00000/0000	2-10018/0151	04/23/76	10	6371	3858N	08108W	52.3	125.7	GGGG			19	33
2457-15203	00000/0000	2-10018/0152	04/23/76	10	6371	3732N	08137W	52.9	123.7	GGGG			19	34
2457-15205	00000/0000	2-10018/0153	04/23/76	10	6371	3606N	08205W	53.4	121.7	GGGG			19	35
2457-15212	00000/0000	2-10018/0154	04/23/76	0	6371	3440N	08232W	53.9	119.6	GGGG			19	36
2457-15214	00000/0000	2-10018/0155	04/23/76	0	6371	3314N	08258W	54.3	117.5	GGGG			19	37
2457-15221	00000/0000	2-10018/0156	04/23/76	0	6371	3147N	08323W	54.7	115.4	GGGG			19	38
2457-15223	00000/0000	2-10018/0157	04/23/76	10	6371	3021N	08348W	55.1	113.2	GGGG			19	39
2457-15230	00000/0000	2-10018/0158	04/23/76	10	6371	2855N	08412W	55.4	111.0	GGGG			19	40
2457-15232	00000/0000	2-10018/0159	04/23/76	10	6371	2729N	08435W	55.6	108.8	GGGG			19	41
2457-17003	00000/0000	2-10018/0080	04/23/76	90	6372	4855N	10311W	47.3	138.4	GGG			37	26
2457-17005	00000/0000	2-10018/0081	04/23/76	100	6372	4730N	10348W	48.1	136.7	GGGG			37	27
2457-17012	00000/0000	2-10018/0082	04/23/76	100	6372	4605N	10423W	48.9	135.0	GGGG			37	28
2457-17014	00000/0000	2-10018/0083	04/23/76	90	6372	4439N	10456W	49.6	133.2	GGGG			37	29
2457-17021	00000/0000	2-10018/0084	04/23/76	80	6372	4314N	10528W	50.3	131.4	GGGG			37	30
2457-17023	00000/0000	2-10018/0085	04/23/76	70	6372	4148N	10559W	51.0	129.5	GGGG			37	31
2457-17030	00000/0000	2-10018/0086	04/23/76	90	6372	4023N	10629W	51.7	127.6	GGGG			37	32
2457-17032	00000/0000	2-10018/0087	04/23/76	80	6372	3858N	10658W	52.3	125.7	GGGG			37	33
2457-17035	00000/0000	2-10018/0088	04/23/76	60	6372	3732N	10726W	52.9	123.7	GGGG			37	34
2457-17041	00000/0000	2-10018/0079	04/23/76	20	6372	3606N	10753W	53.4	121.7	G G			37	35
2457-17044	00000/0000	2-10018/0089	04/23/76	10	6372	3440N	10819W	53.9	119.6	GGGG			37	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0112

OBSERVATION ID	MICROFILM POSITION IN RBL RBV	RBL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RAW NUMBER
2457-17050	00000/0000	2-10018/0090	04/23/76	10	6372	3314N	10845W	54.3	117.5	GGGG			37	37
2457-17053	00000/0000	2-10018/0091	04/23/76	0	6372	3148N	10910W	54.7	115.4	GGGG			37	38
2457-17055	00000/0000	2-10018/0092	04/23/76	0	6372	3021N	10935W	55.1	113.2	GGGG			37	39
2457-17062	00000/0000	2-10018/0093	04/23/76	0	6372	2855N	11000W	55.4	111.0	GGGG			37	40
2457-20222	00000/0000	2-10018/0122	04/23/76	20	6374	6415N	14502W	36.9	156.8	GGGG			73	15
2457-20225	00000/0000	2-10018/0123	04/23/76	10	6374	6252N	14616W	37.9	155.0	GGGG			73	16
2457-20231	00000/0000	2-10018/0124	04/23/76	10	6374	6131N	14723W	38.9	153.3	GGGF			73	17
2457-20234	00000/0000	2-10018/0125	04/23/76	0	6374	6008N	14826W	39.9	151.6	GFGF			73	18
2457-20240	00000/0000	2-10018/0126	04/23/76	10	6374	5845N	14924W	40.9	149.9	GFGG			73	19
2457-20243	00000/0000	2-10018/0127	04/23/76	20	6374	5722N	15019W	41.9	148.3	GFGG			73	20
2457-22031	00000/0000	2-10018/0128	04/23/76	90	6375	7210N	15954W	30.4	170.4	GGGG			91	9
2457-22033	00000/0000	2-10018/0129	04/23/76	50	6375	7055N	16215W	31.5	167.6	GGGF			91	10
2457-22040	00000/0000	2-10018/0130	04/23/76	10	6375	6937N	16420W	32.6	165.2	GFGG			91	11
2457-22042	00000/0000	2-10018/0131	04/23/76	30	6375	6819N	16611W	33.7	162.9	FFGG			91	12
2457-22045	00000/0000	2-10018/0132	04/23/76	40	6375	6659N	16751W	34.8	160.8	FGGG			91	13
2457-22051	00000/0000	2-10018/0133	04/23/76	20	6375	6539N	16921W	35.8	158.8	GGGG			91	14
2457-22054	00000/0000	2-10018/0134	04/23/76	40	6375	6418N	17043W	36.9	156.9	GGGG			91	15
2457-22060	00000/0000	2-10018/0135	04/23/76	50	6375	6256N	17158W	37.9	155.1	GGGG			91	16
2457-22063	00000/0000	2-10018/0136	04/23/76	50	6375	6133N	17306W	38.9	153.3	GGGG			91	17
2457-22065	00000/0000	2-10018/0137	04/23/76	30	6375	6011N	17410W	39.9	151.6	GGGG			91	18
2457-22072	00000/0000	2-10018/0138	04/23/76	40	6375	5848N	17509W	40.9	150.0	GGGG			91	19
2457-22074	00000/0000	2-10018/0139	04/23/76	10	6375	5724N	17605W	41.9	148.3	GGGG			91	20
2457-22081	00000/0000	2-10018/0140	04/23/76	90	6375	5600N	17657W	42.9	146.7	GGGG			91	21
2457-22083	00000/0000	2-10018/0141	04/23/76	90	6375	5436N	17745W	43.8	145.1	GFFG			91	22
2457-22090	00000/0000	2-10018/0142	04/23/76	80	6375	5311N	17831W	44.7	143.4	GGGG			91	23
2457-22092	00000/0000	2-10018/0143	04/23/76	70	6375	5147N	17913W	45.6	141.8	GGGG			91	24
2458-15225	00000/0000	2-10018/0173	04/24/76	10	6385	4857N	07845W	47.5	138.3	GGGG			20	26
2458-15232	00000/0000	2-10018/0174	04/24/76	10	6385	4732N	07922W	48.3	136.6	GGGG			20	27
2458-15234	00000/0000	2-10018/0175	04/24/76	20	6385	4607N	07957W	49.1	134.8	GGGG			20	28
2458-15241	00000/0000	2-10018/0176	04/24/76	90	6385	4442N	08031W	49.9	133.0	GGGG			20	29
2458-15243	00000/0000	2-10018/0177	04/24/76	90	6385	4317N	08103W	50.6	131.2	GGGG			20	30
2458-15250	00000/0000	2-10018/0178	04/24/76	50	6385	4151N	08134W	51.3	129.3	GGGG			20	31
2458-15252	00000/0000	2-10018/0179	04/24/76	10	6385	4026N	08204W	51.9	127.4	GGGG			20	32
2458-15255	00000/0000	2-10018/0180	04/24/76	10	6385	3900N	08233W	52.5	125.4	GGGG			20	33
2458-15261	00000/0000	2-10018/0181	04/24/76	30	6385	3734N	08302W	53.1	123.4	GGGG			20	34
2458-15264	00000/0000	2-10018/0182	04/24/76	40	6385	3608N	08330W	53.6	121.4	GGGG			20	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0114

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2458-15270	00000/0000	2-10018/0183	04/24/76	40	6385	3442N	08357W	54.1	119.3	GGGG			20	36
2458-15273	00000/0000	2-10018/0184	04/24/76	30	6385	3316N	08423W	54.6	117.2	GGGG			20	37
2458-15275	00000/0000	2-10018/0187	04/24/76	30	6385	3150N	08449W	55.0	115.0	GG			20	38
2458-15282	00000/0000	2-10018/0185	04/24/76	30	6385	3024N	08513W	55.3	112.8	GGGG		H	20	39
2458-15284	00000/0000	2-10018/0186	04/24/76	30	6385	2858N	08537W	55.6	110.6	GGFG		H	20	40
2458-17061	00000/0000	2-10018/0094	04/24/76	50	6386	4858N	10436W	47.6	138.3	GGGG			38	26
2458-17063	00000/0000	2-10018/0095	04/24/76	80	6386	4733N	10512W	48.4	136.6	GGGG			38	27
2458-17070	00000/0000	2-10018/0096	04/24/76	80	6386	4607N	10547W	49.2	134.8	GGGG			38	28
2458-17075	00000/0000	2-10018/0097	04/24/76	30	6386	4317N	10652W	50.6	131.2	GGGG			38	30
2458-17081	00000/0000	2-10018/0098	04/24/76	10	6386	4151N	10723W	51.3	129.3	GGGG			38	31
2458-17084	00000/0000	2-10018/0099	04/24/76	10	6386	4025N	10753W	52.0	127.4	GGGG			38	32
2458-17093	00000/0000	2-10018/0100	04/24/76	0	6386	3733N	10850W	53.1	123.4	GGGG			38	34
2458-17095	00000/0000	2-10018/0101	04/24/76	0	6386	3608N	10918W	53.7	121.4	GGGG			38	35
2458-17102	00000/0000	2-10018/0102	04/24/76	0	6386	3442N	10945W	54.1	119.3	GGGG			38	36
2458-17104	00000/0000	2-10018/0103	04/24/76	0	6386	3316N	11011W	54.6	117.1	GGGG			38	37
2458-17111	00000/0000	2-10018/0104	04/24/76	0	6386	3149N	11037W	55.0	115.0	GGGG			38	38
2458-17113	00000/0000	2-10018/0105	04/24/76	0	6386	3023N	11102W	55.3	112.8	GGGG			38	39
2458-20274	00000/0000	2-10018/0160	04/24/76	0	6388	6537N	14506W	36.2	158.7	GGGG			74	14
2458-20280	00000/0000	2-10018/0161	04/24/76	10	6388	6416N	14627W	37.2	156.8	GGGG			74	15
2458-20283	00000/0000	2-10018/0162	04/24/76	20	6388	6253N	14742W	38.2	155.0	FGGG			74	16
2458-20285	00000/0000	2-10018/0163	04/24/76	30	6388	6131N	14850W	39.3	153.3	GGGG			74	17
2458-20292	00000/0000	2-10018/0164	04/24/76	30	6388	6009N	14954W	40.3	151.6	GGGG			74	18
2458-20294	00000/0000	2-10018/0165	04/24/76	20	6388	5846N	15052W	41.3	149.9	GGGG			74	19
2458-20301	00000/0000	2-10018/0166	04/24/76	30	6388	5722N	15147W	42.2	148.2	GGGG			74	20
2458-20303	00000/0000	2-10018/0167	04/24/76	50	6388	5558N	15237W	43.2	146.6	GGGG			74	21
2458-22092	00000/0000	2-10018/0168	04/24/76	100	6389	7053N	16348W	31.9	167.6	GGGG			92	10
2458-22094	00000/0000	2-10018/0169	04/24/76	90	6389	6936N	16553W	33.0	165.1	GGGG			92	11
2458-22101	00000/0000	2-10018/0170	04/24/76	20	6389	6817N	16743W	34.1	162.8	GGGG			92	12
2458-22103	00000/0000	2-10018/0171	04/24/76	10	6389	6657N	16921W	35.1	160.7	FGGG			92	13
2458-22110	00000/0000	2-10018/0172	04/24/76	0	6389	6537N	17050W	36.2	158.7	GGGG			92	14
2459-15283	00000/0000	2-10018/0202	04/25/76	100	6399	4855N	08012W	47.9	138.1	FGGG			21	26
2459-15290	00000/0000	2-10018/0203	04/25/76	90	6399	4730N	08048W	48.7	136.3	GGGG			21	27
2459-15292	00000/0000	2-10018/0204	04/25/76	90	6399	4605N	08123W	49.4	134.6	GGGG			21	28
2459-15295	00000/0000	2-10018/0205	04/25/76	100	6399	4439N	08157W	50.2	132.8	GGGG			21	29
2459-15301	00000/0000	2-10018/0206	04/25/76	100	6399	4314N	08229W	50.9	130.9	GGGG			21	30
2459-15304	00000/0000	2-10018/0207	04/25/76	100	6399	4149N	08301W	51.6	129.0	GGGF			21	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0118

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2459-15310	00000/0000	2-10018/0208	04/25/76	90	6399	4023N	08331W	52.2	127.1	GGGG			21	32
2459-15313	00000/0000	2-10018/0209	04/25/76	70	6399	3858N	08400W	52.8	125.1	GGGG			21	33
2459-15315	00000/0000	2-10018/0210	04/25/76	70	6399	3732N	08429W	53.4	123.1	GGGG			21	34
2459-15322	00000/0000	2-10018/0211	04/25/76	70	6399	3606N	08456W	53.9	121.0	GGGG			21	35
2459-15324	00000/0000	2-10018/0212	04/25/76	60	6399	3440N	08523W	54.4	118.9	GGGG			21	36
2459-15331	00000/0000	2-10018/0213	04/25/76	70	6399	3314N	08549W	54.8	116.7	GGGG			21	37
2459-15333	00000/0000	2-10018/0214	04/25/76	90	6399	3148N	08615W	55.2	114.5	GGGG			21	38
2459-15340	00000/0000	2-10018/0215	04/25/76	90	6399	3022N	08639W	55.5	112.3	FGGG			21	39
2459-15342	00000/0000	2-10018/0216	04/25/76	70	6399	2856N	08704W	55.8	110.1	FGGG			21	40
2459-15345	00000/0000	2-10018/0217	04/25/76	40	6399	2730N	08727W	56.0	107.8	GGGG			21	41
2459-17115	00000/0000	2-10018/0188	04/25/76	20	6400	4856N	10602W	47.9	138.1	GGGF			39	26
2459-17122	00000/0000	2-10018/0189	04/25/76	20	6400	4731N	10639W	48.7	136.3	GGGG			39	27
2459-17124	00000/0000	2-10018/0190	04/25/76	50	6400	4606N	10714W	49.5	134.6	GGGF			39	28
2459-17131	00000/0000	2-10018/0191	04/25/76	80	6400	4441N	10748W	50.2	132.7	GGGG			39	29
2459-17133	00000/0000	2-10018/0192	04/25/76	60	6400	4315N	10820W	50.9	130.9	GGGF			39	30
2459-17140	00000/0000	2-10018/0193	04/25/76	80	6400	4149N	10851W	51.6	129.0	GGGG			39	31
2459-17142	00000/0000	2-10018/0194	04/25/76	70	6400	4023N	10921W	52.2	127.1	GGGG			39	32
2459-17145	00000/0000	2-10018/0195	04/25/76	70	6400	3858N	10950W	52.9	125.1	GGGG			39	33
2459-17151	00000/0000	2-10018/0196	04/25/76	40	6400	3732N	11018W	53.4	123.0	GGGG			39	34
2459-17154	00000/0000	2-10018/0197	04/25/76	50	6400	3606N	11046W	53.9	121.0	GGGG			39	35
2459-17160	00000/0000	2-10018/0198	04/25/76	40	6400	3440N	11112W	54.4	118.9	GGGG			39	36
2459-17163	00000/0000	2-10018/0199	04/25/76	20	6400	3314N	11138W	54.8	116.7	GGFG			39	37
2459-17165	00000/0000	2-10018/0200	04/25/76	10	6400	3148N	11204W	55.2	114.5	GGGG			39	38
2459-17172	00000/0000	2-10018/0201	04/25/76	10	6400	3022N	11229W	55.5	112.3	GGGG			39	39
2459-20321	00000/0000	2-10018/0273	04/25/76	10	6402	6937N	14128W	33.2	165.2	GGGG			75	11
2459-20323	00000/0000	2-10018/0274	04/25/76	70	6402	6818N	14319W	34.3	162.9	GGGG			75	12
2459-20330	00000/0000	2-10018/0275	04/25/76	20	6402	6659N	14458W	35.4	160.8	GGGG			75	13
2459-20332	00000/0000	2-10018/0276	04/25/76	60	6402	6538N	14627W	36.5	158.8	GGGG			75	14
2459-20335	00000/0000	2-10018/0277	04/25/76	80	6402	6417N	14749W	37.5	156.9	FGGG			75	15
2459-20341	00000/0000	2-10018/0278	04/25/76	80	6402	6255N	14904W	38.5	155.0	GGGG			75	16
2459-20344	00000/0000	2-10018/0279	04/25/76	90	6402	6133N	15012W	39.6	153.3	GGGG			75	17
2459-20350	00000/0000	2-10018/0280	04/25/76	100	6402	6010N	15116W	40.6	151.5	GGGG			75	18
2459-20353	00000/0000	2-10018/0281	04/25/76	100	6402	5847N	15215W	41.6	149.8	GGGG			75	19
2459-20355	00000/0000	2-10018/0282	04/25/76	100	6402	5724N	15310W	42.5	148.2	GGGG			75	20
2459-20362	00000/0000	2-10018/0283	04/25/76	100	6402	5600N	15401W	43.5	146.5	GGGF			75	21
2459-22152	00000/0000	2-10018/0284	04/25/76	100	6403	6937N	16718W	33.3	165.2	GGGG			93	11

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0116

OBSERVATION ID	MICROFILM POSITION IN REEL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN POINT LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2459-22155	00000/0000	2-10018/0285	04/25/76	90	6403	6818N	16909W	34.4	162.9	GGGG			93	12
2459-22161	00000/0000	2-10018/0286	04/25/76	30	6403	6658N	17048W	35.4	160.8	GGGG			93	13
2459-22164	00000/0000	2-10018/0287	04/25/76	0	6403	6538N	17218W	36.5	158.7	GGGG			93	14
2459-22170	00000/0000	2-10018/0288	04/25/76	0	6403	6417N	17339W	37.5	156.8	GGGG			93	15
2459-22173	00000/0000	2-10018/0289	04/25/76	0	6403	6255N	17454W	38.6	155.0	GGGG			93	16
2459-22175	00000/0000	2-10018/0290	04/25/76	0	6403	6133N	17603W	39.6	153.2	GGGG			93	17
2459-22182	00000/0000	2-10018/0291	04/25/76	10	6403	6011N	17707W	40.6	151.5	GGGG			93	18
2459-22184	00000/0000	2-10018/0292	04/25/76	90	6403	5847N	17806W	41.6	149.8	GGGG			93	19
2459-22191	00000/0000	2-10018/0293	04/25/76	70	6403	5724N	17901W	42.6	148.2	GGGG			93	20
2459-22193	00000/0000	2-10018/0294	04/25/76	50	6403	5600N	17953W	43.5	146.5	GGGG			93	21
2459-22200	00000/0000	2-10018/0295	04/25/76	70	6403	5436N	17918E	44.4	144.8	GGGG			93	22
2459-22202	00000/0000	2-10018/0296	04/25/76	60	6403	5311N	17833E	45.3	143.2	GGGG			93	23
2460-15342	00000/0000	2-10018/0233	04/26/76	90	6413	4856N	08139W	48.1	137.9	GGGG			22	26
2460-15344	00000/0000	2-10018/0234	04/26/76	90	6413	4731N	08215W	49.0	136.2	GGGG			22	27
2460-15351	00000/0000	2-10018/0235	04/26/76	80	6413	4606N	08250W	49.7	134.4	GGGG			22	28
2460-15353	00000/0000	2-10018/0236	04/26/76	70	6413	4441N	08324W	50.5	132.6	GGGG			22	29
2460-15360	00000/0000	2-10018/0237	04/26/76	90	6413	4316N	08357W	51.2	130.7	GGGG			22	30
2460-15362	00000/0000	2-10018/0238	04/26/76	80	6413	4150N	08428W	51.9	128.8	GGGG			22	31
2460-15365	00000/0000	2-10018/0239	04/26/76	50	6413	4024N	08457W	52.5	126.8	GGGG			22	32
2460-15371	00000/0000	2-10018/0240	04/26/76	30	6413	3859N	08526W	53.1	124.8	GGGG			22	33
2460-15374	00000/0000	2-10018/0241	04/26/76	30	6413	3734N	08555W	53.6	122.8	GGGG			22	34
2460-15380	00000/0000	2-10018/0242	04/26/76	90	6413	3608N	08623W	54.2	120.7	GGGG			22	35
2460-15383	00000/0000	2-10018/0243	04/26/76	90	6413	3442N	08650W	54.6	118.6	GGGG			22	36
2460-15385	00000/0000	2-10018/0244	04/26/76	90	6413	3315N	08716W	55.0	116.4	GGGG			22	37
2460-15392	00000/0000	2-10018/0245	04/26/76	80	6413	3149N	08741W	55.4	114.2	GGGG			22	38
2460-15394	00000/0000	2-10018/0246	04/26/76	20	6413	3023N	08805W	55.7	111.9	GGGG			22	39
2460-15401	00000/0000	2-10018/0247	04/26/76	30	6413	2858N	08830W	56.0	109.7	GGGG			22	40
2460-15403	00000/0000	2-10018/0248	04/26/76	30	6413	2731N	08853W	56.2	107.4	GGGG			22	41
2460-17173	00000/0000	2-10018/0249	04/26/76	70	6414	4857N	10725W	48.2	137.9	GGGG			40	26
2460-17180	00000/0000	2-10018/0250	04/26/76	70	6414	4731N	10801W	49.0	136.2	GGGG			40	27
2460-17182	00000/0000	2-10018/0251	04/26/76	100	6414	4606N	10836W	49.7	134.4	GGGG			40	28
2460-17185	00000/0000	2-10018/0252	04/26/76	90	6414	4441N	10910W	50.5	132.5	GGGG			40	29
2460-17191	00000/0000	2-10018/0253	04/26/76	90	6414	4315N	10943W	51.2	130.7	GGGG			40	30
2460-17194	00000/0000	2-10018/0254	04/26/76	90	6414	4150N	11014W	51.9	128.8	GGGG			40	31
2460-17200	00000/0000	2-10018/0255	04/26/76	90	6414	4025N	11045W	52.5	126.8	GGGG			40	32
2460-17203	00000/0000	2-10018/0256	04/26/76	60	6414	3859N	11114W	53.1	124.8	GGGG			40	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0117

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINT LANG	SUN FLV.	SUN AZIM.	IMAGE-QUAL RBV MSS	QUAL MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBV NUMBER
2460-17205	00000/0000	2-1001R/0257	04/26/76	30	6414	3733N	11143W	53.7	122.8	GGGG				40	34
2460-17212	00000/0000	2-1001R/0258	04/26/76	0	6414	3608N	11210W	54.2	120.7	GGGG				40	35
2460-17214	00000/0000	2-1001R/0259	04/26/76	0	6414	3442N	11236W	54.6	118.5	GGGG				40	36
2460-17221	00000/0000	2-1001R/0260	04/26/76	0	6414	3316N	11303W	55.1	116.4	GGGG				40	37
2460-20372	00000/0000	2-1001R/0261	04/26/76	90	6416	7053N	14054W	32.5	167.6	GGGG				76	10
2460-20375	00000/0000	2-1001R/0262	04/26/76	80	6416	6936N	14258W	33.6	165.2	GGGG				76	11
2460-20381	00000/0000	2-1001R/0263	04/26/76	100	6416	6817N	14448W	34.7	162.9	GGGG				76	12
2460-20384	00000/0000	2-1001R/0264	04/26/76	70	6416	6657N	14628W	35.7	160.7	GGGG				76	13
2460-20390	00000/0000	2-1001R/0265	04/26/76	70	6416	6537N	14757W	36.8	158.7	GGGG				76	14
2460-20393	00000/0000	2-1001R/0266	04/26/76	50	6416	6416N	14919W	37.9	156.8	GGGG				76	15
2460-20395	00000/0000	2-1001R/0267	04/26/76	60	6416	6254N	15034W	38.9	154.9	GGGG				76	16
2460-20402	00000/0000	2-1001R/0268	04/26/76	80	6416	6132N	15143W	39.9	153.2	GGGG				76	17
2460-20404	00000/0000	2-1001R/0269	04/26/76	80	6416	6009N	15246W	40.9	151.4	GGGG				76	18
2460-20411	00000/0000	2-1001R/0270	04/26/76	90	6416	5846N	15345W	41.9	149.7	GGGG				76	19
2460-20413	00000/0000	2-1001R/0271	04/26/76	90	6416	5723N	15440W	42.9	148.0	GGGG				76	20
2460-20420	00000/0000	2-1001R/0272	04/26/76	80	6416	5559N	15530W	43.8	146.4	GGGG				76	21
2461-15400	00000/0000	2-1001R/0297	04/27/76	80	6427	4857N	08304W	48.5	137.7	GGGG				23	26
2461-15402	00000/0000	2-1001R/0298	04/27/76	70	6427	4731N	08341W	49.3	136.0	GGGG				23	27
2461-15405	00000/0000	2-1001R/0299	04/27/76	70	6427	4606N	08416W	50.0	134.2	GGGG				23	28
2461-15411	00000/0000	2-1001R/0300	04/27/76	70	6427	4440N	08450W	50.8	132.3	GGGG				23	29
2461-15414	00000/0000	2-1001R/0301	04/27/76	80	6427	4315N	08522W	51.5	130.4	GGGG				23	30
2461-15420	00000/0000	2-1001R/0302	04/27/76	60	6427	4149N	08554W	52.1	128.5	GGGG				23	31
2461-15423	00000/0000	2-1001R/0303	04/27/76	60	6427	4023N	08624W	52.8	126.5	GGGG				23	32
2461-15425	00000/0000	2-1001R/0304	04/27/76	20	6427	3858N	08653W	53.4	124.5	GGGG				23	33
2461-15432	00000/0000	2-1001R/0305	04/27/76	10	6427	3732N	08722W	53.9	122.4	GGGG				23	34
2461-15434	00000/0000	2-1001R/0306	04/27/76	10	6427	3606N	08749W	54.4	120.3	GGGG				23	35
2461-15441	00000/0000	2-1001R/0307	04/27/76	10	6427	3440N	08816W	54.9	118.1	GGGG				23	36
2461-15443	00000/0000	2-1001R/0308	04/27/76	0	6427	3314N	08842W	55.3	115.9	GGGG				23	37
2461-15450	00000/0000	2-1001R/0309	04/27/76	0	6427	3148N	08907W	55.6	113.7	GGGG				23	38
2461-17232	00000/0000	2-1001R/0310	04/27/76	80	6428	4856N	10852W	48.5	137.7	GGGG				41	26
2461-17234	00000/0000	2-1001R/0311	04/27/76	100	6428	4730N	10928W	49.3	135.9	GGGG				41	27
2461-17241	00000/0000	2-1001R/0312	04/27/76	100	6428	4605N	11003W	50.1	134.1	GGGG				41	28
2461-17243	00000/0000	2-1001R/0313	04/27/76	90	6428	4440N	11037W	50.8	132.3	GGGG				41	29
2461-17250	00000/0000	2-1001R/0314	04/27/76	30	6428	4314N	11110W	51.5	130.4	GGGG				41	30
2461-17252	00000/0000	2-1001R/0315	04/27/76	50	6428	4148N	11141W	52.2	128.5	GGGG				41	31
2461-17255	00000/0000	2-1001R/0316	04/27/76	20	6428	4022N	11211W	52.8	126.5	GGGG				41	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0118

OBSERVATION ID	MICROFILM RELI. NR./ POSITION IN RELI. RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS DATA MODE	MSS MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME R&W NUMBER
2461-17261	00000/0000 2-10018/0317	04/27/76	10	6428	3858N	11240W	53.4	124.5	GGGG			41	33
2461-17264	00000/0000 2-10018/0318	04/27/76	10	6428	3733N	11308W	53.9	122.4	GGGG			41	34
2461-17270	00000/0000 2-10018/0319	04/27/76	0	6428	3607N	11336W	54.4	120.3	GGGG			41	35
2461-17273	00000/0000 2-10018/0320	04/27/76	0	6428	3441N	11403W	54.9	118.1	GGGG			41	36
2461-17275	00000/0000 2-10018/0321	04/27/76	0	6428	3315N	11430W	55.3	115.9	GGGG			41	37
2461-17282	00000/0000 2-10018/0322	04/27/76	10	6428	3148N	11455W	55.6	113.7	GGGG			41	38
2461-20431	00000/0000 2-10018/0335	04/27/76	10	6430	7055N	14213W	32.8	167.7	GGGG			77	10
2461-20433	00000/0000 2-10018/0336	04/27/76	20	6430	6938N	14418W	33.9	165.2	GGGG			77	11
2461-20440	00000/0000 2-10018/0337	04/27/76	30	6430	6819N	14610W	35.0	162.9	GGGG			77	12
2461-20442	00000/0000 2-10018/0338	04/27/76	30	6430	6700N	14749W	36.0	160.7	GGGG			77	13
2461-20445	00000/0000 2-10018/0339	04/27/76	30	6430	6539N	14919W	37.1	158.7	GGGG			77	14
2461-20451	00000/0000 2-10018/0340	04/27/76	10	6430	6418N	15042W	38.1	156.8	GGGG			77	15
2461-20454	00000/0000 2-10018/0341	04/27/76	40	6430	6256N	15157W	39.2	154.9	GGGG			77	16
2461-20460	00000/0000 2-10018/0342	04/27/76	80	6430	6133N	15306W	40.2	153.2	GGGG			77	17
2461-20463	00000/0000 2-10018/0343	04/27/76	80	6430	6011N	15409W	41.2	151.4	GGGG			77	18
2461-20465	00000/0000 2-10018/0344	04/27/76	70	6430	5848N	15508W	42.2	149.7	GGGG			77	19
2461-20472	00000/0000 2-10018/0345	04/27/76	60	6430	5724N	15602W	43.2	148.0	GGGG			77	20
2461-20474	00000/0000 2-10018/0346	04/27/76	40	6430	5601N	15653W	44.1	146.3	GGGG			77	21
2461-20481	00000/0000 2-10018/0347	04/27/76	40	6430	5437N	15741W	45.0	144.6	GGGG			77	22
2462-15472	00000/0000 2-10018/0350	04/28/76	10	6441	4313N	08649W	51.8	130.1	PPP			24	30
2462-15475	00000/0000 2-10018/0351	04/28/76	20	6441	4148N	08721W	52.4	128.2	FFF			24	31
2462-15481	00000/0000 2-10018/0352	04/28/76	70	6441	4022N	08751W	53.0	126.2	GGGG			24	32
2462-15484	00000/0000 2-10018/0348	04/28/76	90	6441	3856N	08819W	53.6	124.1	F			24	33
2462-15490	00000/0000 2-10018/0349	04/28/76	90	6441	3730N	08847W	54.2	122.0	F			24	34
2462-15493	00000/0000 2-10018/0353	04/28/76	40	6441	3604N	08915W	54.7	119.9	FFPP			24	35
2462-15495	00000/0000 2-10018/0354	04/28/76	30	6441	3439N	08941W	55.1	117.7	FGFG			24	36
2462-15502	00000/0000 2-10018/0355	04/28/76	10	6441	3313N	09007W	55.5	115.5	FGGG			24	37
2462-15504	00000/0000 2-10018/0356	04/28/76	10	6441	3147N	09033W	55.8	113.3	FFFG			24	38
2462-15511	00000/0000 2-10018/0357	04/28/76	20	6441	3021N	09058W	56.1	111.0	PFG			24	39
2462-15513	00000/0000 2-10018/0358	04/28/76	30	6441	2854N	09122W	56.4	108.7	PP			24	40
2462-17290	00000/0000 2-10018/0399	04/28/76	80	6442	4854N	11021W	48.8	137.5	GGGG			42	26
2462-17292	00000/0000 2-10018/0400	04/28/76	90	6442	4729N	11057W	49.6	135.7	GGGG			42	27
2462-17295	00000/0000 2-10018/0401	04/28/76	80	6442	4604N	11133W	50.3	133.9	GGGG			42	28
2462-17301	00000/0000 2-10018/0402	04/28/76	80	6442	4439N	11207W	51.1	132.0	GGGG			42	29
2462-17304	00000/0000 2-10018/0403	04/28/76	70	6442	4313N	11239W	51.8	130.1	GGGG			42	30
2462-17310	00000/0000 2-10018/0404	04/28/76	30	6442	4148N	11310W	52.4	128.1	GGGG			42	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANK)=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0119

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2462-17313	00000/0000	2-10018/0405	04/28/76	10	6442	4023N	11339W	53.1	126.1	GGGG			42	32
2462-17315	00000/0000	2-10018/0406	04/28/76	0	6442	3857N	11408W	53.6	124.1	GGGG			42	33
2462-17322	00000/0000	2-10018/0407	04/28/76	10	6442	3732N	11436W	54.2	122.0	GGGG			42	34
2462-17324	00000/0000	2-10018/0408	04/28/76	20	6442	3606N	11504W	54.7	119.9	GGGG			42	35
2462-17331	00000/0000	2-10018/0409	04/28/76	10	6442	3440N	11531W	55.1	117.7	GGGG			42	36
2462-17333	00000/0000	2-10018/0410	04/28/76	30	6442	3314N	11557W	55.5	115.5	GGGG			42	37
2462-17340	00000/0000	2-10018/0411	04/28/76	10	6442	3148N	11622W	55.9	113.2	GGGG			42	38
2462-20485	00000/0000	2-10018/0386	04/28/76	60	6444	7054N	14342W	33.1	167.7	GGGG			78	10
2462-20491	00000/0000	2-10018/0387	04/28/76	60	6444	6937N	14547W	34.2	165.2	GGGG			78	11
2462-20494	00000/0000	2-10018/0388	04/28/76	10	6444	6818N	14738W	35.3	162.9	GGGG			78	12
2462-20500	00000/0000	2-10018/0389	04/28/76	10	6444	6659N	14917W	36.4	160.7	GGGG			78	13
2462-20503	00000/0000	2-10018/0390	04/28/76	10	6444	6549N	15046W	37.4	158.7	GGGG			78	14
2462-20514	00000/0000	2-10018/0391	04/28/76	0	6444	6134N	15430W	40.5	153.1	GGGG			78	17
2462-20521	00000/0000	2-10018/0392	04/28/76	20	6444	6011N	15533W	41.5	151.3	GGGG			78	18
2462-20523	00000/0000	2-10018/0393	04/28/76	40	6444	5848N	15632W	42.5	149.6	GGGG			78	19
2462-20530	00000/0000	2-10018/0394	04/28/76	50	6444	5724N	15727W	43.5	147.9	GGGG			78	20
2462-20532	00000/0000	2-10018/0395	04/28/76	50	6444	5600N	15819W	44.4	146.2	GGGG			78	21
2462-20535	00000/0000	2-10018/0396	04/28/76	70	6444	5437N	15908W	45.4	144.5	GGGG			78	22
2462-22364	00000/0000	2-10018/0397	04/28/76	90	6445	5601N	17551E	44.5	146.2	GGGG			96	21
2462-22371	00000/0000	2-10018/0398	04/28/76	100	6445	5437N	17503E	45.4	144.5	GGGG			96	22
2463-15512	00000/0000	2-10018/0412	04/29/76	30	6455	4856N	08556W	49.0	137.4	FGFG			25	26
2463-15515	00000/0000	2-10018/0413	04/29/76	50	6455	4731N	08632W	49.8	135.6	GGFG			25	27
2463-15530	00000/0000	2-10018/0414	04/29/76	10	6455	4316N	08814W	52.0	129.9	GGFG			25	30
2463-15533	00000/0000	2-10018/0415	04/29/76	10	6455	4150N	08845W	52.7	127.9	GGGG			25	31
2463-15535	00000/0000	2-10018/0416	04/29/76	10	6455	4024N	08916W	53.3	125.9	GGGG			25	32
2463-15542	00000/0000	2-10018/0417	04/29/76	10	6455	3859N	08945W	53.9	123.9	GGGG			25	33
2463-15544	00000/0000	2-10018/0418	04/29/76	50	6455	3733N	09013W	54.4	121.8	GGGG			25	34
2463-15551	00000/0000	2-10018/0419	04/29/76	70	6455	3607N	09041W	54.9	119.6	GGGG			25	35
2463-15553	00000/0000	2-10018/0420	04/29/76	100	6455	3442N	09107W	55.3	117.4	GGGG			25	36
2463-15560	00000/0000	2-10018/0421	04/29/76	100	6455	3315N	09133W	55.7	115.2	GGGG			25	37
2463-15562	00000/0000	2-10018/0422	04/29/76	100	6455	3149N	09159W	56.0	112.9	GGGG			25	38
2463-15565	00000/0000	2-10018/0423	04/29/76	90	6455	3023N	09223W	56.3	110.6	GGGG			25	39
2463-17344	00000/0000	2-10018/0323	04/29/76	40	6456	4856N	11145W	49.1	137.4	GGGG			43	26
2463-17351	00000/0000	2-10018/0324	04/29/76	30	6456	4731N	11222W	49.9	135.6	GGGG			43	27
2463-17353	00000/0000	2-10018/0325	04/29/76	30	6456	4606N	11257W	50.6	133.7	GGGG			43	28
2463-17360	00000/0000	2-10018/0326	04/29/76	10	6456	4441N	11331W	51.3	131.8	FGGG			43	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0120

OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL REV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE QUAL RVS MGS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2463-17362	00000/0000 2-10018/0327	04/29/76	10	6456	4315N	11403W	52.0	129.9	GGGG		43	30
2463-17365	00000/0000 2-10018/0328	04/29/76	20	6456	4150N	11434W	52.7	127.9	GGGG		43	31
2463-17371	00000/0000 2-10018/0329	04/29/76	10	6456	4025N	11504W	53.3	125.9	GGGG		43	32
2463-17374	00000/0000 2-10018/0330	04/29/76	10	6456	3859N	11533W	53.9	123.8	GGGG		43	33
2463-17380	00000/0000 2-10018/0331	04/29/76	0	6456	3733N	11601W	54.4	121.7	GGGG		43	34
2463-17383	00000/0000 2-10018/0332	04/29/76	0	6456	3606N	11629W	54.9	119.6	GGGG		43	35
2463-17385	00000/0000 2-10018/0333	04/29/76	0	6456	3441N	11656W	55.3	117.4	GGGG		43	36
2463-17392	00000/0000 2-10018/0334	04/29/76	10	6456	3315N	11722W	55.7	115.1	GGGG		43	37
2464-15571	00000/0000 2-10018/0425	04/30/76	40	6469	4855N	08722W	49.3	137.2	GGGG		26	26
2464-15573	00000/0000 2-10018/0426	04/30/76	50	6469	4730N	08759W	50.1	135.4	GGGG		26	27
2464-15580	00000/0000 2-10018/0427	04/30/76	90	6469	4605N	08834W	50.9	133.5	GGGG		26	28
2464-15582	00000/0000 2-10018/0428	04/30/76	90	6469	4440N	08908W	51.6	131.6	GGGG		26	29
2464-15585	00000/0000 2-10018/0429	04/30/76	70	6469	4314N	08941W	52.3	129.6	GGGG		26	30
2464-15591	00000/0000 2-10018/0430	04/30/76	70	6469	4149N	09012W	52.9	127.6	GGGG		26	31
2464-15594	00000/0000 2-10018/0431	04/30/76	60	6469	4023N	09042W	53.5	125.6	GGGG		26	32
2464-16000	00000/0000 2-10018/0432	04/30/76	20	6469	3858N	09111W	54.1	123.5	GGGG		26	33
2464-16003	00000/0000 2-10018/0433	04/30/76	20	6469	3732N	09140W	54.6	121.4	GGGG		26	34
2464-16005	00000/0000 2-10018/0434	04/30/76	60	6469	3606N	09207W	55.1	119.2	GGGG		26	35
2464-16014	00000/0000 2-10018/0435	04/30/76	80	6469	3314N	09300W	55.9	114.7	GGGG		26	37
2464-16021	00000/0000 2-10018/0436	04/30/76	90	6469	3148N	09325W	56.2	112.4	GGGG		26	38
2464-16023	00000/0000 2-10018/0437	04/30/76	90	6469	3022N	09350W	56.5	110.1	GGGG		26	39
2464-16030	00000/0000 2-10018/0438	04/30/76	90	6469	2855N	09413W	56.7	107.8	GGGG		26	40
2464-16032	00000/0000 2-10018/0439	04/30/76	50	6469	2729N	09437W	56.9	105.4	GGGG		26	41
2464-16035	00000/0000 2-10018/0440	04/30/76	40	6469	2603N	09500W	57.0	103.0	GGGG		26	42
2464-16041	00000/0000 2-10018/0441	04/30/76	70	6469	2436N	09523W	57.1	100.7	GGGG		26	43
2464-17402	00000/0000 2-10018/0442	04/30/76	0	6470	4855N	11312W	49.4	137.2	GGGG		44	26
2464-17405	00000/0000 2-10018/0443	04/30/76	0	6470	4730N	11349W	50.1	135.3	GGGG		44	27
2464-17411	00000/0000 2-10018/0444	04/30/76	0	6470	4605N	11424W	50.9	133.5	GGGG		44	28
2464-17414	00000/0000 2-10018/0445	04/30/76	0	6470	4439N	11458W	51.6	131.6	GGGG		44	29
2464-17420	00000/0000 2-10018/0446	04/30/76	10	6470	4314N	11530W	52.3	129.6	GGGG		44	30
2464-17423	00000/0000 2-10018/0447	04/30/76	10	6470	4149N	11601W	53.0	127.6	GGGG		44	31
2464-17425	00000/0000 2-10018/0448	04/30/76	10	6470	4024N	11630W	53.6	125.6	GGGG		44	32
2464-17432	00000/0000 2-10018/0449	04/30/76	10	6470	3857N	11659W	54.1	123.5	GGGG		44	33
2464-17434	00000/0000 2-10018/0450	04/30/76	0	6470	3731N	11728W	54.7	121.4	GGGG		44	34
2464-17441	00000/0000 2-10018/0451	04/30/76	0	6470	3605N	11756W	55.1	119.2	GGGG		44	35
2464-17443	00000/0000 2-10018/0452	04/30/76	10	6470	3439N	11822W	55.6	117.0	GGGG		44	36

KEYS: CLOUD COVER x ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0121

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2464-17450	00000/0000	2-1001R/0451	04/30/76	10	6470	3313N	11848W	55.9	114.7	GGGG		44	37
2464-21002	00000/0000	2-1001R/0373	04/30/76	20	6472	7051N	14636W	33.8	167.6	GGGG		80	10
2464-21004	00000/0000	2-1001R/0374	04/30/76	20	6472	6934N	14841W	34.9	165.1	GGGG		80	11
2464-21011	00000/0000	2-1001R/0375	04/30/76	10	6472	6816N	15031W	36.0	162.8	GGGG		80	12
2464-21013	00000/0000	2-1001R/0376	04/30/76	0	6472	6656N	15210W	37.0	160.6	GGGG		80	13
2464-21020	00000/0000	2-1001R/0377	04/30/76	0	6472	6535N	15341W	38.1	158.5	GGGG		80	14
2464-21022	00000/0000	2-1001R/0378	04/30/76	0	6472	6414N	15502W	39.1	156.6	GGGG		80	15
2464-21025	00000/0000	2-1001R/0379	04/30/76	0	6472	6252N	15617W	40.2	154.7	GGGG		80	16
2464-21031	00000/0000	2-1001R/0380	04/30/76	0	6472	6130N	15725W	41.2	152.9	GGGG		80	17
2464-21034	00000/0000	2-1001R/0381	04/30/76	0	6472	6007N	15829W	42.2	151.1	GGGG		80	18
2464-21040	00000/0000	2-1001R/0382	04/30/76	0	6472	5844N	15927W	43.2	149.4	GGGG		80	19
2464-21043	00000/0000	2-1001R/0383	04/30/76	0	6472	5721N	16021W	44.1	147.6	GGGG		80	20
2464-21045	00000/0000	2-1001R/0384	04/30/76	10	6472	5557N	16111W	45.1	145.9	GGGG		80	21
2464-21052	00000/0000	2-1001R/0385	04/30/76	70	6472	5433N	16159W	46.0	144.2	GGGG		80	22
2465-14200	00000/0000	2-1001R/0424	05/01/76	0	6482	4732N	06336W	50.4	135.2	GGGG		9	27
2465-16025	00000/0000	2-1001R/0454	05/01/76	50	6483	4858N	08447W	49.6	137.0	GGGG		27	26
2465-16031	00000/0000	2-1001R/0455	05/01/76	70	6483	4733N	08924W	50.4	135.2	GGGG		27	27
2465-16034	00000/0000	2-1001R/0456	05/01/76	80	6483	4607N	08959W	51.1	133.3	GGGG		27	28
2465-16040	00000/0000	2-1001R/0457	05/01/76	70	6483	4441N	09033W	51.8	131.4	GGGG		27	29
2465-16043	00000/0000	2-1001R/0458	05/01/76	50	6483	4316N	09105W	52.5	129.4	GGGG		27	30
2465-16045	00000/0000	2-1001R/0459	05/01/76	20	6483	4151N	09136W	53.2	127.4	GGGG		27	31
2465-16052	00000/0000	2-1001R/0460	05/01/76	10	6483	4025N	09207W	53.8	125.3	GGGG		27	32
2465-16054	00000/0000	2-1001R/0461	05/01/76	10	6483	3900N	09236W	54.3	123.2	GGGG		27	33
2465-16061	00000/0000	2-1001R/0462	05/01/76	10	6483	3734N	09304W	54.9	121.1	GGGG		27	34
2465-16063	00000/0000	2-1001R/0463	05/01/76	30	6483	3608N	09332W	55.3	118.9	GGGG		27	35
2465-16070	00000/0000	2-1001R/0464	05/01/76	30	6483	3442N	09359W	55.7	116.7	GGGG		27	36
2465-16072	00000/0000	2-1001R/0465	05/01/76	10	6483	3316N	09425W	56.1	114.4	GGGG		27	37
2465-16075	00000/0000	2-1001R/0466	05/01/76	30	6483	3150N	09450W	56.4	112.1	GGGG		27	38
2465-16081	00000/0000	2-1001R/0467	05/01/76	50	6483	3023N	09515W	56.7	109.7	GGGG		27	39
2465-16084	00000/0000	2-1001R/0468	05/01/76	30	6483	2857N	09539W	56.9	107.4	GGGG		27	40
2465-16090	00000/0000	2-1001R/0469	05/01/76	30	6483	2731N	09603W	57.1	105.0	GGGG		27	41
2465-16093	00000/0000	2-1001R/0452	05/01/76	30	6483	2604N	09626W	57.2	102.6	GGGG		27	42
2465-16095	00000/0000	2-1001R/0453	05/01/76	40	6483	2438N	09649W	57.2	100.2	GGGG		27	43
2465-17461	00000/0000	2-1001R/0470	05/01/76	10	6484	4857N	11437W	49.6	137.0	GGGG		45	26
2465-17470	00000/0000	2-1001R/0471	05/01/76	0	6484	4607N	11548W	51.1	133.3	GGG		45	28
2465-17472	00000/0000	2-1001R/0472	05/01/76	0	6484	4442N	11622W	51.9	131.4	GGGG		45	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0122

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	SUN ORBIT	PRINCIPAL POINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RAW NUMBER
2465-17475	00000/0000 2-1001R/0473	05/01/76	10	6484	43.7N	11654W	52.5 129.4	GFGG		45	30
2465-17481	00000/0000 2-1001R/0474	05/01/76	10	6484	41.52N	11725W	53.2 127.4	GGGG		45	31
2465-17484	00000/0000 2-1001R/0475	05/01/76	10	6484	40.25N	11755W	53.8 125.3	GGGG		45	32
2465-17490	00000/0000 2-1001R/0476	05/01/76	0	6484	39.00N	11824W	54.4 123.2	FGGG		45	33
2465-17493	00000/0000 2-1001R/0477	05/01/76	0	6484	37.34N	11852W	54.9 121.1	GGGG		45	34
2465-17495	00000/0000 2-1001R/0478	05/01/76	0	6484	36.09N	11920W	55.3 118.9	GGGG		45	35
2465-17502	00000/0000 2-1001R/0479	05/01/76	10	6484	34.3N	11946W	55.8 116.6	GGGG		45	36
2465-21060	00000/0000 2-1001R/0668	05/01/76	10	6486	70.53N	14804W	34.1 167.7	GGGG		81	10
2465-21062	00000/0000 2-1001R/0669	05/01/76	10	6486	69.35N	15008W	35.1 165.1	GGGG		81	11
2465-21065	00000/0000 2-1001R/0670	05/01/76	0	6486	68.17N	15159W	36.2 162.8	GGGG		81	12
2465-21071	00000/0000 2-1001R/0671	05/01/76	0	6486	66.58N	15338W	37.3 160.6	GGGG		81	13
2465-21074	00000/0000 2-1001R/0672	05/01/76	0	6486	65.37N	15508W	38.4 158.6	GGGG		81	14
2465-21080	00000/0000 2-1001R/0673	05/01/76	0	6486	64.16N	15630W	39.4 156.6	GGGG		81	15
2465-21083	00000/0000 2-1001R/0674	05/01/76	0	6486	62.54N	15745W	40.4 154.7	GFGG		81	16
2465-21085	00000/0000 2-1001R/0675	05/01/76	10	6486	61.32N	15854W	41.4 152.9	GGGG		81	17
2465-21092	00000/0000 2-1001R/0676	05/01/76	60	6486	60.09N	15957W	42.4 151.1	GGGG		81	18
2465-21094	00000/0000 2-1001R/0677	05/01/76	40	6486	58.45N	16056W	43.4 149.3	GGGG		81	19
2465-21101	00000/0000 2-1001R/0678	05/01/76	20	6486	57.22N	16150W	44.4 147.6	GGGG		81	20
2465-21103	00000/0000 2-1001R/0679	05/01/76	40	6486	55.59N	16241W	45.3 145.8	GGGG		81	21
2465-21110	00000/0000 2-1001R/0680	05/01/76	60	6486	54.35N	16328W	46.2 144.1	GGGG		81	22
2465-21112	00000/0000 2-1001R/0681	05/01/76	80	6486	53.10N	16414W	47.1 142.4	GGGG		81	23
2465-21115	00000/0000 2-1001R/0682	05/01/76	90	6486	51.45N	16457W	48.0 140.6	GGGG		81	24
2466-14254	00000/0000 2-1001R/0500	05/02/76	100	6496	47.11N	06501W	50.6 135.0	GGGG		10	27
2466-14261	00000/0000 2-1001R/0501	05/02/76	100	6496	46.06N	06536W	51.4 133.1	GGGG		10	28
2466-14263	00000/0000 2-1001R/0502	05/02/76	100	6496	44.41N	06610W	52.1 131.1	GGGG		10	29
2466-14270	00000/0000 2-1001R/0503	05/02/76	100	6496	43.16N	06642W	52.8 129.1	GGGG		10	30
2466-16083	00000/0000 2-1001R/0489	05/02/76	90	6497	48.56N	09015W	49.9 136.8	GGGG		28	26
2466-16090	00000/0000 2-1001R/0490	05/02/76	80	6497	47.31N	09052W	50.7 135.0	GGGG		28	27
2466-16092	00000/0000 2-1001R/0491	05/02/76	90	6497	46.06N	09127W	51.4 133.1	FGGG		28	28
2466-16095	00000/0000 2-1001R/0492	05/02/76	90	6497	44.40N	09200W	52.1 131.1	GGGG		28	29
2466-16101	00000/0000 2-1001R/0493	05/02/76	80	6497	43.15N	09233W	52.8 129.1	GGGG		28	30
2466-16104	00000/0000 2-1001R/0494	05/02/76	80	6497	41.50N	09304W	53.4 127.1	GGGG		28	31
2466-16110	00000/0000 2-1001R/0495	05/02/76	70	6497	40.24N	09335W	54.0 125.0	GGGG		28	32
2466-16113	00000/0000 2-1001R/0496	05/02/76	70	6497	38.58N	09404W	54.6 122.9	GGGG		28	33
2466-16115	00000/0000 2-1001R/0497	05/02/76	30	6497	37.32N	09432W	55.1 120.7	GGGG		28	34
2466-16122	00000/0000 2-1001R/0498	05/02/76	10	6497	36.06N	09459W	55.5 118.5	GGGG		28	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0123

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2466-16124	00000/0000	2-10018/0499	05/02/76	0	6497	3440N	09526W	56.0	116.2	GGGG		28	36
2466-16131	00000/0000	2-10018/0504	05/02/76	0	6497	3314N	09552W	56.3	113.9	GGFG		28	37
2466-16133	00000/0000	2-10018/0505	05/02/76	0	6497	3148N	09617W	56.6	111.6	GGGG		28	38
2466-16140	00000/0000	2-10018/0506	05/02/76	0	6497	3021N	09641W	56.9	109.3	GGFG		28	39
2466-16142	00000/0000	2-10018/0507	05/02/76	0	6497	2855N	09705W	57.1	106.9	GFFG		28	40
2466-17515	00000/0000	2-10018/0532	05/02/76	40	6498	4857N	11603W	49.9	136.8	GFGG		46	26
2466-17521	00000/0000	2-10018/0533	05/02/76	90	6498	4731N	11640W	50.7	134.9	GFGG		46	27
2466-17524	00000/0000	2-10018/0534	05/02/76	90	6498	4606N	11716W	51.4	133.0	GGGG		46	28
2466-17530	00000/0000	2-10018/0535	05/02/76	50	6498	4441N	11749W	52.1	131.1	GGGG		46	29
2466-17533	00000/0000	2-10018/0536	05/02/76	10	6498	4315N	11821W	52.8	129.1	GGGG		46	30
2466-17535	00000/0000	2-10018/0537	05/02/76	30	6498	4149N	11852W	53.4	127.1	GGGG		46	31
2466-17542	00000/0000	2-10018/0538	05/02/76	30	6498	4024N	11922W	54.0	125.0	GGGG		46	32
2466-17544	00000/0000	2-10018/0539	05/02/76	30	6498	3859N	11951W	54.6	122.9	GFGG		46	33
2466-17551	00000/0000	2-10018/0540	05/02/76	20	6498	3732N	12020W	55.1	120.7	GFGG		46	34
2466-17553	00000/0000	2-10018/0541	05/02/76	0	6498	3606N	12047W	55.6	118.5	GGGG		46	35
2466-17560	00000/0000	2-10018/0542	05/02/76	0	6498	3440N	12114W	56.0	116.2	GGGG		46	36
2466-21114	00000/0000	2-10018/0359	05/02/76	0	6500	7052N	14932W	34.4	167.6	GFGG		82	10
2466-21121	00000/0000	2-10018/0360	05/02/76	50	6500	6935N	15137W	35.5	165.1	GGGG		82	11
2466-21123	00000/0000	2-10018/0361	05/02/76	0	6500	6816N	15327W	36.5	162.7	GGGG		82	12
2466-21130	00000/0000	2-10018/0362	05/02/76	10	6500	6656N	15506W	37.6	160.6	GGGG		82	13
2466-21132	00000/0000	2-10018/0363	05/02/76	10	6500	6536N	15636W	38.7	158.5	GGGG		82	14
2466-21135	00000/0000	2-10018/0364	05/02/76	20	6500	6415N	15757W	39.7	156.5	GFGG		82	15
2466-21141	00000/0000	2-10018/0365	05/02/76	90	6500	6253N	15911W	40.7	154.6	GGFG		82	16
2466-21144	00000/0000	2-10018/0366	05/02/76	60	6500	6130N	16020W	41.8	152.8	GFFG		82	17
2466-21150	00000/0000	2-10018/0367	05/02/76	30	6500	6008N	16122W	42.8	151.0	GGGG		82	18
2466-21153	00000/0000	2-10018/0368	05/02/76	10	6500	5845N	16221W	43.7	149.2	GGGG		82	19
2466-21155	00000/0000	2-10018/0369	05/02/76	30	6500	5722N	16315W	44.7	147.5	GGGG		82	20
2466-21162	00000/0000	2-10018/0370	05/02/76	80	6500	5558N	16406W	45.6	145.7	GFPG		82	21
2466-21164	00000/0000	2-10018/0371	05/02/76	80	6500	5434N	16454W	46.5	144.0	GFPG		82	22
2466-21171	00000/0000	2-10018/0372	05/02/76	90	6500	5310N	16539W	47.4	142.2	GFPG		82	23
2467-14312	00000/0000	2-10018/0508	05/03/76	70	6510	4730N	06629W	50.9	134.7	GGGG		11	27
2467-14315	00000/0000	2-10018/0509	05/03/76	90	6510	4604N	06704W	51.7	132.8	GGGG		11	28
2467-14321	00000/0000	2-10018/0510	05/03/76	100	6510	4439N	06738W	52.4	130.9	GGGG		11	29
2467-14324	00000/0000	2-10018/0511	05/03/76	80	6510	4314N	06810W	53.0	128.9	GGGG		11	30
2467-14330	00000/0000	2-10018/0512	05/03/76	70	6510	4149N	06841W	53.7	126.8	GGGG		11	31
2467-14333	00000/0000	2-10018/0513	05/03/76	90	6510	4023N	06912W	54.3	124.7	GGGG		11	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN



01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0124

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2467-16142	00000/0000	2-10018/0480	05/03/76	10	6511	4855N	03142W	50.2	136.6	GGGG			29	26
2467-16144	00000/0000	2-10018/0481	05/03/76	10	6511	4730N	09219W	50.9	134.7	GGGG			29	27
2467-16151	00000/0000	2-10018/0482	05/03/76	20	6511	4605N	09253W	51.7	132.8	GGGG			29	28
2467-16153	00000/0000	2-10018/0483	05/03/76	30	6511	4440N	09326W	52.4	130.9	GGGG			29	29
2467-16160	00000/0000	2-10018/0484	05/03/76	10	6511	4314N	09358W	53.1	128.8	GGGG			29	30
2467-16162	00000/0000	2-10018/0485	05/03/76	30	6511	4149N	09429W	53.7	126.8	GGGG			29	31
2467-16165	00000/0000	2-10018/0486	05/03/76	10	6511	4023N	09459W	54.3	124.7	GGGG			29	32
2467-16171	00000/0000	2-10018/0487	05/03/76	0	6511	3857N	09528W	54.8	122.5	GGGG			29	33
2467-16174	00000/0000	2-10018/0488	05/03/76	10	6511	3731N	09557W	55.3	120.3	GGGG			29	34
2467-16180	00000/0000	2-10018/0514	05/03/76	20	6511	3606N	09625W	55.8	118.1	GGGG			29	35
2467-16183	00000/0000	2-10018/0515	05/03/76	10	6511	3440N	09652W	56.2	115.8	GGGF			29	36
2467-16185	00000/0000	2-10018/0516	05/03/76	0	6511	3313N	09718W	56.5	113.5	GGGF			29	37
2467-16192	00000/0000	2-10018/0517	05/03/76	0	6511	3147N	09743W	56.8	111.2	GGGG			29	38
2467-16194	00000/0000	2-10018/0518	05/03/76	10	6511	3021N	09808W	57.1	108.8	GGGG			29	39
2467-16201	00000/0000	2-10018/0519	05/03/76	10	6511	2855N	09832W	57.2	106.4	GGGG			29	40
2467-16203	00000/0000	2-10018/0520	05/03/76	10	6511	2729N	09855W	57.4	104.0	GGGG			29	41
2467-16210	00000/0000	2-10018/0521	05/03/76	40	6511	2603N	09918W	57.4	101.6	GGGG			29	42
2467-17573	00000/0000	2-10018/0522	05/03/76	70	6512	4855N	11729W	50.2	136.6	GGGG			47	26
2467-17580	00000/0000	2-10018/0523	05/03/76	60	6512	4730N	11805W	51.0	134.7	GGGG			47	27
2467-17582	00000/0000	2-10018/0524	05/03/76	30	6512	4605N	11840W	51.7	132.8	GGGG			47	28
2467-17585	00000/0000	2-10018/0525	05/03/76	30	6512	4440N	11914W	52.4	130.8	GGGG			47	29
2467-17591	00000/0000	2-10018/0526	05/03/76	10	6512	4314N	11946W	53.1	128.8	GGGG			47	30
2467-17594	00000/0000	2-10018/0527	05/03/76	10	6512	4148N	12017W	53.7	126.8	GGGG			47	31
2467-18000	00000/0000	2-10018/0528	05/03/76	10	6512	4023N	12047W	54.3	124.7	GGGG			47	32
2467-18003	00000/0000	2-10018/0529	05/03/76	0	6512	3857N	12116W	54.8	122.5	GGGG			47	33
2467-18005	00000/0000	2-10018/0530	05/03/76	20	6512	3732N	12144W	55.3	120.3	GGGG			47	34
2467-18012	00000/0000	2-10018/0531	05/03/76	90	6512	3606N	12212W	55.8	118.1	GGGG			47	35
2467-21172	00000/0000	2-10018/0732	05/03/76	0	6514	7054N	15053W	34.6	167.7	GG			83	10
2467-21175	00000/0000	2-10018/0733	05/03/76	0	6514	6936N	15258W	35.7	165.1	FGG			83	11
2467-21181	00000/0000	2-10018/0734	05/03/76	30	6514	6818N	15449W	36.8	162.8	FGGG			83	12
2467-21184	00000/0000	2-10018/0735	05/03/76	50	6514	6658N	15628W	37.5	160.6	GGGG			83	13
2467-21190	00000/0000	2-10018/0736	05/03/76	40	6514	6538N	15759W	38.9	158.5	GGGG			83	14
2467-21193	00000/0000	2-10018/0737	05/03/76	10	6514	6417N	15920W	40.0	156.5	GGGG			83	15
2467-21195	00000/0000	2-10018/0738	05/03/76	10	6514	6255N	16035W	41.0	154.6	GGGG			83	16
2467-21202	00000/0000	2-10018/0739	05/03/76	10	6514	6133N	16144W	42.0	152.8	GGGG			83	17
2467-21204	00000/0000	2-10018/0740	05/03/76	10	6514	6010N	16247W	43.0	151.0	GGGG			83	18

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0125

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2467-21220	00000/0000	2-1001R/0741	05/03/76	80	6514	5600N	16531W	45.9	145.6	GGGG			83	21
2467-21222	00000/0000	2-1001R/0742	05/03/76	80	6514	5436N	16618W	46.8	143.9	GGGG			83	22
2467-21225	00000/0000	2-1001R/0743	05/03/76	80	6514	5311N	16703W	47.7	142.1	GGGG			83	23
2468-14371	00000/0000	2-1001R/0543	05/04/76	70	6524	4731N	06755W	51.2	134.6	GGGG			12	27
2468-14373	00000/0000	2-1001R/0544	05/04/76	70	6524	4606N	06830W	51.9	132.7	GGGG			12	28
2468-14380	00000/0000	2-1001R/0545	05/04/76	70	6524	4441N	06904W	52.6	130.7	GGGG			12	29
2468-14382	00000/0000	2-1001R/0546	05/04/76	20	6524	4316N	06936W	53.3	128.6	GGGG			12	30
2468-14385	00000/0000	2-1001R/0547	05/04/76	10	6524	4150N	07007W	53.9	126.6	GGGG			12	31
2468-14391	00000/0000	2-1001R/0548	05/04/76	10	6524	4025N	07038W	54.5	124.5	GGGG			12	32
2468-14394	00000/0000	2-1001R/0549	05/04/76	20	6524	3859N	07107W	55.0	122.3	GGGG			12	33
2468-14400	00000/0000	2-1001R/0550	05/04/76	40	6524	3733N	07135W	55.5	120.1	GGGG			12	34
2468-14403	00000/0000	2-1001R/0551	05/04/76	80	6524	3607N	07202W	55.9	117.8	GGGG			12	35
2468-16200	00000/0000	2-1001R/0562	05/04/76	30	6525	4857N	09305W	50.4	136.5	GGGG			30	26
2468-16202	00000/0000	2-1001R/0563	05/04/76	10	6525	4732N	09342W	51.2	134.6	FGGG			30	27
2468-16205	00000/0000	2-1001R/0564	05/04/76	0	6525	4607N	09418W	51.9	132.6	FGGG			30	28
2468-16211	00000/0000	2-1001R/0565	05/04/76	10	6525	4441N	09452W	52.6	130.7	GGGG			30	29
2468-16214	00000/0000	2-1001R/0566	05/04/76	20	6525	4316N	09524W	53.3	128.6	GGGG			30	30
2468-16220	00000/0000	2-1001R/0567	05/04/76	10	6525	4151N	09555W	53.9	126.6	GGGG			30	31
2468-16223	00000/0000	2-1001R/0568	05/04/76	0	6525	4025N	09625W	54.5	124.5	GGGG			30	32
2468-16225	00000/0000	2-1001R/0569	05/04/76	0	6525	3859N	09655W	55.0	122.3	FGGG			30	33
2468-16232	00000/0000	2-1001R/0570	05/04/76	10	6525	3733N	09723W	55.5	120.1	GGFG			30	34
2468-16234	00000/0000	2-1001R/0571	05/04/76	10	6525	3607N	09750W	56.0	117.8	GGGG			30	35
2468-16241	00000/0000	2-1001R/0572	05/04/76	10	6525	3442N	09816W	56.4	115.5	GGGG			30	36
2468-16243	00000/0000	2-1001R/0573	05/04/76	20	6525	3317N	09842W	56.7	113.2	GGGG			30	37
2468-16250	00000/0000	2-1001R/0574	05/04/76	70	6525	3151N	09907W	57.0	110.8	GGGG			30	38
2468-16252	00000/0000	2-1001R/0575	05/04/76	70	6525	3025N	09932W	57.2	108.4	GGGG			30	39
2468-16255	00000/0000	2-1001R/0576	05/04/76	90	6525	2858N	09956W	57.4	106.0	GGGG			30	40
2468-16261	00000/0000	2-1001R/0577	05/04/76	90	6525	2731N	10019W	57.5	103.6	FGGG			30	41
2468-16264	00000/0000	2-1001R/0578	05/04/76	40	6525	2605N	10043W	57.6	101.2	GGGG			30	42
2468-18031	00000/0000	2-1001R/0552	05/04/76	20	6526	4858N	11856W	50.4	136.5	GGGG			48	26
2468-18034	00000/0000	2-1001R/0553	05/04/76	20	6526	4733N	11932W	51.2	134.6	GGGG			48	27
2468-18040	00000/0000	2-1001R/0554	05/04/76	40	6526	4607N	12007W	51.9	132.6	GGGG			48	28
2468-18043	00000/0000	2-1001R/0555	05/04/76	80	6526	4441N	12041W	52.6	130.6	FGGG			48	29
2468-18045	00000/0000	2-1001R/0556	05/04/76	50	6526	4316N	12113W	53.3	128.6	GGGG			48	30
2468-18052	00000/0000	2-1001R/0557	05/04/76	30	6526	4150N	12144W	53.9	126.5	GGGG			48	31
2468-18054	00000/0000	2-1001R/0558	05/04/76	10	6526	4025N	12214W	54.5	124.4	GGGG			48	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANKS NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0126

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2468-18061	00000/0000 2-10018/0559	05/04/76	10	6526	3900N 12243W	55.0	122.2	GGGG			48	33
2468-18063	00000/0000 2-10018/0560	05/04/76	40	6526	3734N 12311W	55.5	120.0	GGGG			48	34
2468-18070	00000/0000 2-10018/0561	05/04/76	30	6526	3609N 12339W	56.0	117.8	GGGG			48	35
2468-21231	00000/0000 2-10018/0744	05/04/76	0	6528	7053N 15219W	34.9	167.6	GGGG			84	10
2468-21233	00000/0000 2-10018/0745	05/04/76	20	6528	6936N 15423W	36.0	165.1	GGGG			84	11
2468-21240	00000/0000 2-10018/0746	05/04/76	20	6528	6817N 15614W	37.1	162.7	GGGG			84	12
2468-21242	00000/0000 2-10018/0747	05/04/76	20	6528	6657N 15754W	38.2	160.5	GGGG			84	13
2468-21245	00000/0000 2-10018/0748	05/04/76	10	6528	6537N 15924W	39.2	158.4	GGGG			84	14
2468-21251	00000/0000 2-10018/0749	05/04/76	10	6528	6415N 16046W	40.3	156.4	GGGG			84	15
2468-21254	00000/0000 2-10018/0750	05/04/76	10	6528	6254N 16200W	41.3	154.5	GGGG			84	16
2468-21260	00000/0000 2-10018/0751	05/04/76	60	6528	6131N 16309W	42.3	152.7	GGGG			84	17
2468-21263	00000/0000 2-10018/0752	05/04/76	70	6528	6009N 16412W	43.3	150.8	GGGG			84	18
2468-21265	00000/0000 2-10018/0753	05/04/76	80	6528	5846N 16511W	44.3	149.1	GGGG			84	19
2468-21272	00000/0000 2-10018/0754	05/04/76	90	6528	5722N 16605W	45.2	147.3	GGGG			84	20
2468-21274	00000/0000 2-10018/0755	05/04/76	90	6528	5558N 16656W	46.2	145.5	GGGG			84	21
2468-21281	00000/0000 2-10018/0756	05/04/76	70	6528	5434N 16744W	47.1	143.7	GGGG			84	22
2468-21283	00000/0000 2-10018/0757	05/04/76	80	6528	5310N 16830W	48.0	141.9	GGGG			84	23
2468-21290	00000/0000 2-10018/0758	05/04/76	90	6528	5146N 16912W	48.8	140.1	GGGG			84	24
2469-14425	00000/0000 2-10018/0579	05/05/76	40	6538	4731N 06921W	51.4	134.4	GGGG			13	27
2469-14431	00000/0000 2-10018/0580	05/05/76	10	6538	4606N 06957W	52.2	132.4	GGGG			13	28
2469-14434	00000/0000 2-10018/0581	05/05/76	10	6538	4440N 07030W	52.8	130.4	GGGG			13	29
2469-14440	00000/0000 2-10018/0582	05/05/76	0	6538	4315N 07102W	53.5	128.4	FFGG			13	30
2469-14443	00000/0000 2-10018/0583	05/05/76	10	6538	4250N 07133W	54.1	126.3	GGGG			13	31
2469-14445	00000/0000 2-10018/0584	05/05/76	0	6538	4024N 07203W	54.7	124.1	FFGG			13	32
2469-14452	00000/0000 2-10018/0585	05/05/76	0	6538	3858N 07232W	55.2	121.9	PGGG			13	33
2469-14454	00000/0000 2-10018/0586	05/05/76	0	6538	3732N 07301W	55.7	119.7	PGGG			13	34
2469-14461	00000/0000 2-10018/0587	05/05/76	10	6538	3606N 07328W	56.2	117.4	GGGG			13	35
2469-14463	00000/0000 2-10018/0588	05/05/76	20	6538	3440N 07355W	56.5	115.1	GGGG			13	36
2469-14470	00000/0000 2-10018/0589	05/05/76	30	6538	3314N 07421W	56.9	112.8	GGGG			13	37
2469-14472	00000/0000 2-10018/0590	05/05/76	20	6538	3148N 07446W	57.1	110.4	GGGG			13	38
2469-16254	00000/0000 2-10018/0591	05/05/76	10	6539	4856N 09433W	50.7	136.3	GGGG			31	26
2469-16261	00000/0000 2-10018/0592	05/05/76	20	6539	4732N 09510W	51.4	134.3	GGFF			31	27
2469-16263	00000/0000 2-10018/0593	05/05/76	90	6539	4607N 09545W	52.2	132.4	GGGG			31	28
2469-16270	00000/0000 2-10018/0594	05/05/76	80	6539	4441N 09619W	52.9	130.4	GGGG			31	29
2469-16272	00000/0000 2-10018/0595	05/05/76	30	6539	4315N 09652W	53.5	128.3	GGGG			31	30
2469-16275	00000/0000 2-10018/0596	05/05/76	50	6539	4149N 09723W	54.1	126.2	GGGG			31	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0127

OBSERVATION ID	MICROFILM REL. NR./ POSITION IN ROL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2469-16281	00000/0000 2-1001R/0597	05/05/76	70	6539	4024N	09753W	54.7	124.1	GGGG			31	32
2469-16284	00000/0000 2-1001R/0598	05/05/76	40	6539	3858N	09822W	55.2	121.9	GGGG			31	33
2469-16290	00000/0000 2-1001R/0599	05/05/76	70	6539	3731N	09850W	55.7	119.7	GGGG			31	34
2469-16293	00000/0000 2-1001R/0600	05/05/76	90	6539	3606N	09917W	56.2	117.4	GGFG			31	35
2469-16295	00000/0000 2-1001R/0601	05/05/76	100	6539	3441N	09944W	56.5	115.1	GGGG			31	36
2469-16302	00000/0000 2-1001R/0602	05/05/76	80	6539	3315N	10010W	56.9	112.7	GGGG			31	37
2469-16304	00000/0000 2-1001R/0603	05/05/76	60	6539	3148N	10035W	57.2	110.4	GGGG			31	38
2469-16311	00000/0000 2-1001R/0604	05/05/76	50	6539	3022N	10100W	57.4	107.9	GGGG			31	39
2469-16313	00000/0000 2-1001R/0605	05/05/76	40	6539	2856N	10124W	57.5	105.5	GGGG			31	40
2469-16320	00000/0000 2-1001R/0606	05/05/76	20	6539	2730N	10148W	57.6	103.1	GGGG			31	41
2469-18090	00000/0000 2-1001R/0623	05/05/76	90	6540	4856N	12020W	50.7	136.2	GGGG			49	26
2469-18092	00000/0000 2-1001R/0624	05/05/76	80	6540	4731N	12057W	51.5	134.3	GGGG			49	27
2469-18095	00000/0000 2-1001R/0625	05/05/76	60	6540	4606N	12132W	52.2	132.4	GGGG			49	28
2469-18101	00000/0000 2-1001R/0626	05/05/76	70	6540	4440N	12205W	52.9	130.4	GGGG			49	29
2469-18104	00000/0000 2-1001R/0627	05/05/76	60	6540	4315N	12238W	53.5	128.3	GGGG			49	30
2469-18110	00000/0000 2-1001R/0628	05/05/76	30	6540	4150N	12309W	54.2	126.2	GGFG			49	31
2469-18113	00000/0000 2-1001R/0629	05/05/76	20	6540	4024N	12339W	54.7	124.1	FGGG			49	32
2469-18115	00000/0000 2-1001R/0630	05/05/76	20	6540	3858N	12408W	55.3	121.9	FFGG			49	33
2469-18122	00000/0000 2-1001R/0631	05/05/76	40	6540	3733N	12436W	55.7	119.7	GGGG			49	34
2469-21285	00000/0000 2-1001R/0632	05/05/76	100	6542	7055N	15343W	35.2	167.7	F			85	10
2469-21291	00000/0000 2-1001R/0633	05/05/76	100	6542	6937N	15547W	36.3	165.1	FGGG			85	11
2469-21294	00000/0000 2-1001R/0634	05/05/76	90	6542	6819N	15738W	37.4	162.8	FGGG			85	12
2469-21300	00000/0000 2-1001R/0635	05/05/76	50	6542	6659N	15917W	38.4	160.5	FGGG			85	13
2469-21303	00000/0000 2-1001R/0636	05/05/76	20	6542	6539N	16048W	39.5	158.4	GGGG			85	14
2469-21305	00000/0000 2-1001R/0637	05/05/76	40	6542	6418N	16210W	40.5	156.4	GGGG			85	15
2469-21312	00000/0000 2-1001R/0638	05/05/76	30	6542	6256N	16325W	41.6	154.5	GGGG			85	16
2469-21314	00000/0000 2-1001R/0639	05/05/76	30	6542	6134N	16434W	42.6	152.6	FGGG			85	17
2469-21321	00000/0000 2-1001R/0640	05/05/76	90	6542	6012N	16537W	43.6	150.8	FGGG			85	18
2469-21323	00000/0000 2-1001R/0641	05/05/76	90	6542	5849N	16635W	44.5	149.0	GGGG			85	19
2469-21330	00000/0000 2-1001R/0642	05/05/76	90	6542	5725N	16730W	45.5	147.2	GGGG			85	20
2469-21332	00000/0000 2-1001R/0643	05/05/76	90	6542	5601N	16821W	46.4	145.4	FGGG			85	21
2469-21335	00000/0000 2-1001R/0644	05/05/76	90	6542	5437N	16909W	47.3	143.6	GGGG			85	22
2469-21341	00000/0000 2-1001R/0645	05/05/76	90	6542	5312N	16954W	48.2	141.8	GGGG			85	23
2469-21344	00000/0000 2-1001R/0646	05/05/76	90	6542	5148N	17038W	49.1	140.0	GGGG			85	24
2470-14483	00000/0000 2-1001R/0654	05/06/76	40	6552	4726N	07048W	51.7	134.0	GGGG			14	27
2470-14490	00000/0000 2-1001R/0655	05/06/76	90	6552	4601N	07123W	52.4	132.1	GGGG			14	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 012A

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS	MSS DATA	MSS IMAGE	ORBIT PATH NUMBER	FRAME RBN NUMBER
2470-14492	00000/0000 2-1001R/0656	05/06/76	80	6552	4436N	07157W	53.1 130.0	GGGG				14	29
2470-14495	00000/0000 2-1001R/0657	05/06/76	10	6552	4310N	07229W	53.8 128.0	GGGG				14	30
2470-14501	00000/0000 2-1001R/0658	05/06/76	10	6552	4145N	07300W	54.4 125.9	GGGG				14	31
2470-14504	00000/0000 2-1001R/0659	05/06/76	20	6552	4019N	07331W	55.0 123.7	GGGG				14	32
2470-14510	00000/0000 2-1001R/0660	05/06/76	10	6552	3853N	07400W	55.5 121.5	FFGG				14	33
2470-14513	00000/0000 2-1001R/0661	05/06/76	20	6552	3727N	07428W	55.9 119.2	FFGG				14	34
2470-14515	00000/0000 2-1001R/0662	05/06/76	50	6552	3602N	07455W	56.4 116.9	GGGG				14	35
2470-14522	00000/0000 2-1001R/0663	05/06/76	40	6552	3436N	07521W	56.7 114.6	GGGG				14	36
2470-14524	00000/0000 2-1001R/0664	05/06/76	30	6552	3310N	07547W	57.1 112.2	FFGG				14	37
2470-14531	00000/0000 2-1001R/0665	05/06/76	20	6552	3144N	07612W	57.3 109.8	FFGG				14	38
2470-14533	00000/0000 2-1001R/0666	05/06/76	30	6552	3018N	07637W	57.5 107.4	FFGG				14	39
2470-14540	00000/0000 2-1001R/0667	05/06/76	50	6552	2852N	07701W	57.7 105.0	GG				14	40
2470-16312	00000/0000 2-1001R/0607	05/06/76	50	6553	4852N	09601W	51.0 136.0	GGGG				32	26
2470-16315	00000/0000 2-1001R/0608	05/06/76	10	6553	4726N	09638W	51.7 134.0	GGGG				32	27
2470-16321	00000/0000 2-1001R/0609	05/06/76	10	6553	4601N	09713W	52.5 132.0	FFGG				32	28
2470-16324	00000/0000 2-1001R/0610	05/06/76	0	6553	4435N	09747W	53.1 130.0	GGGG				32	29
2470-16330	00000/0000 2-1001R/0611	05/06/76	10	6553	4310N	09819W	53.8 128.0	GGGG				32	30
2470-16333	00000/0000 2-1001R/0612	05/06/76	0	6553	4144N	09850W	54.4 125.8	GGGG				32	31
2470-16335	00000/0000 2-1001R/0613	05/06/76	0	6553	4019N	09920W	55.0 123.7	GGGG				32	32
2470-16342	00000/0000 2-1001R/0614	05/06/76	0	6553	3853N	09949W	55.5 121.5	GGGG				32	33
2470-16344	00000/0000 2-1001R/0615	05/06/76	0	6553	3727N	10017W	56.0 119.2	FFGG				32	34
2470-16351	00000/0000 2-1001R/0616	05/06/76	0	6553	3601N	10044W	56.4 116.9	GGGG				32	35
2470-16353	00000/0000 2-1001R/0617	05/06/76	10	6553	3436N	10111W	56.8 114.6	GGGG				32	36
2470-16360	00000/0000 2-1001R/0618	05/06/76	30	6553	3309N	10136W	57.1 112.2	GGGG				32	37
2470-16362	00000/0000 2-1001R/0619	05/06/76	60	6553	3144N	10202W	57.3 109.8	GGGG				32	38
2470-16365	00000/0000 2-1001R/0620	05/06/76	30	6553	3018N	10227W	57.5 107.4	GGGG				32	39
2470-16371	00000/0000 2-1001R/0621	05/06/76	10	6553	2852N	10251W	57.7 104.9	GGGG				32	40
2470-16374	00000/0000 2-1001R/0622	05/06/76	10	6553	2725N	10316W	57.8 102.5	GGGG				32	41
2470-18144	00000/0000 2-1001R/0647	05/06/76	10	6554	4855N	12147W	51.0 136.0	G				50	26
2470-18150	00000/0000 2-1001R/0648	05/06/76	10	6554	4729N	12224W	51.7 134.1	GGGG				50	27
2470-18153	00000/0000 2-1001R/0649	05/06/76	10	6554	4604N	12259W	52.4 132.1	GGGG				50	28
2470-18155	00000/0000 2-1001R/0650	05/06/76	10	6554	4439N	12332W	53.1 130.1	GGGG				50	29
2470-18162	00000/0000 2-1001R/0651	05/06/76	10	6554	4314N	12405W	53.8 128.0	GGGG				50	30
2470-18164	00000/0000 2-1001R/0652	05/06/76	10	6554	4149N	12436W	54.4 125.9	GGGG				50	31
2470-18171	00000/0000 2-1001R/0653	05/06/76	10	6554	4023N	12506W	55.0 123.7	GGGG				50	32
2470-21350	00000/0000 2-1001R/0683	05/06/76	90	6556	6934N	15721W	36.6 165.0	GGGG				86	11

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0129

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2470-21352	00000/0000	2-10018/0684	05/06/76	30	6556	6815N	15911W	37.7	162.6	GGGG			86	12
2470-21355	00000/0000	2-10018/0685	05/06/76	10	6556	6655N	16050W	38.8	160.4	GGGG			86	13
2470-21361	00000/0000	2-10018/0686	05/06/76	30	6556	6534N	16220W	39.8	158.3	GGGG			86	14
2470-21364	00000/0000	2-10018/0687	05/06/76	10	6556	6413N	16342W	40.9	156.3	GGGG			86	15
2470-21370	00000/0000	2-10018/0688	05/06/76	30	6556	6252N	16457W	41.9	154.3	GGGG			86	16
2470-21373	00000/0000	2-10018/0689	05/06/76	20	6556	6129N	16605W	42.9	152.5	GGGG			86	17
2470-21375	00000/0000	2-10018/0690	05/06/76	50	6556	6006N	16709W	43.9	150.6	FGGG			86	18
2470-21382	00000/0000	2-10018/0691	05/06/76	50	6556	5844N	16807W	44.9	148.8	GGGG			86	19
2470-21384	00000/0000	2-10018/0692	05/06/76	70	6556	5720N	16902W	45.8	147.0	GGGG			86	20
2470-21391	00000/0000	2-10018/0693	05/06/76	90	6556	5556N	16953W	46.7	145.2	GGGG			86	21
2470-21400	00000/0000	2-10018/0694	05/06/76	100	6556	5307N	17126W	48.5	141.6	GGGG			86	23
2470-21402	00000/0000	2-10018/0695	05/06/76	90	6556	5143N	17209W	49.4	139.7	GGGG			86	24
2471-14542	00000/0000	2-10018/0717	05/07/76	100	6566	4729N	07212W	51.9	133.9	GGGG			15	27
2471-14551	00000/0000	2-10018/0718	05/07/76	90	6566	4438N	07321W	53.3	129.8	GGGG			15	29
2471-14553	00000/0000	2-10018/0719	05/07/76	90	6566	4312N	07354W	54.0	127.7	GGGG			15	30
2471-14560	00000/0000	2-10018/0720	05/07/76	90	6566	4147N	07426W	54.6	125.6	GGGG			15	31
2471-14562	00000/0000	2-10018/0721	05/07/76	80	6566	4021N	07456W	55.2	123.4	GGGG			15	32
2471-14565	00000/0000	2-10018/0722	05/07/76	80	6566	3855N	07525W	55.7	121.2	GGGG			15	33
2471-14571	00000/0000	2-10018/0723	05/07/76	80	6566	3729N	07553W	56.1	118.9	GGGG			15	34
2471-14574	00000/0000	2-10018/0724	05/07/76	60	6566	3604N	07621W	56.6	116.6	FGGG			15	35
2471-14580	00000/0000	2-10018/0725	05/07/76	60	6566	3438N	07647W	56.9	114.3	GGGG			15	36
2471-14583	00000/0000	2-10018/0726	05/07/76	50	6566	3311N	07714W	57.2	111.9	GGGG			15	37
2471-14585	00000/0000	2-10018/0727	05/07/76	60	6566	3145N	07739W	57.5	109.5	GGGG			15	38
2471-14592	00000/0000	2-10018/0728	05/07/76	70	6566	3020N	07804W	57.7	107.0	GGGG			15	39
2471-14594	00000/0000	2-10018/0729	05/07/76	60	6566	2854N	07828W	57.8	104.6	PPGG			15	40
2471-15001	00000/0000	2-10018/0730	05/07/76	30	6566	2728N	07851W	57.9	102.1	FGGG		H	15	41
2471-15003	00000/0000	2-10018/0731	05/07/76	40	6566	2602N	07915W	57.9	99.7	GGGG		H	15	42
2471-16371	00000/0000	2-10018/0759	05/07/76	0	6567	4853N	09727W	51.2	135.8	FGGG			33	26
2471-16373	00000/0000	2-10018/0760	05/07/76	0	6567	4728N	09803W	52.0	133.8	GGGG			33	27
2471-16380	00000/0000	2-10018/0761	05/07/76	0	6567	4603N	09839W	52.7	131.9	GGGG			33	28
2471-16382	00000/0000	2-10018/0762	05/07/76	0	6567	4438N	09912W	53.4	129.8	GGGG			33	29
2471-16385	00000/0000	2-10018/0763	05/07/76	0	6567	4312N	09945W	54.0	127.7	GGGG			33	30
2471-16391	00000/0000	2-10018/0764	05/07/76	10	6567	4146N	10016W	54.6	125.6	GGGG			33	31
2471-16394	00000/0000	2-10018/0765	05/07/76	30	6567	4021N	10046W	55.2	123.4	GGGG			33	32
2471-16400	00000/0000	2-10018/0766	05/07/76	30	6567	3856N	10115W	55.7	121.2	GGGG			33	33
2471-16403	00000/0000	2-10018/0767	05/07/76	30	6567	3730N	10143W	56.1	118.9	GGGG			33	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0130

OBSERVATION ID	MICROFILM RELI NR./ POSITION IN RELI RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2471-16405	00000/0000 2-10018/0768	05/07/76	60	6567	3603N	10210W	56.6	116.6	FGGG			33	35
2471-16412	00000/0000 2-10018/0769	05/07/76	90	6567	3437N	10237W	56.9	114.2	GGGG			33	36
2471-16414	00000/0000 2-10018/0770	05/07/76	90	6567	3312N	10303W	57.2	111.9	GGGG			33	37
2471-16421	00000/0000 2-10018/0771	05/07/76	90	6567	3145N	10328W	57.5	109.4	GGGG			33	38
2471-16423	00000/0000 2-10018/0772	05/07/76	60	6567	3019N	10353W	57.7	107.0	GGGG			33	39
2471-16430	00000/0000 2-10018/0773	05/07/76	30	6567	2853N	10417W	57.8	104.5	GGGG			33	40
2471-16432	00000/0000 2-10018/0774	05/07/76	0	6567	2727N	10441W	57.9	102.1	GGGG			33	41
2471-18202	00000/0000 2-10018/0712	05/07/76	0	6568	4853N	12314W	51.2	135.8	G			51	26
2471-18205	00000/0000 2-10018/0713	05/07/76	10	6568	4728N	12351W	52.0	133.8	GGGG			51	27
2471-18211	00000/0000 2-10018/0714	05/07/76	20	6568	4603N	12426W	52.7	131.8	GGGG			51	28
2471-18214	00000/0000 2-10018/0715	05/07/76	20	6568	4438N	12500W	53.4	129.8	FGGG			51	29
2471-18220	00000/0000 2-10018/0716	05/07/76	10	6568	4312N	12533W	54.0	127.7	FGGG			51	30
2471-21395	00000/0000 2-10018/0696	05/07/76	10	6570	7205N	15427W	34.7	170.3	GGGG			87	9
2471-21401	00000/0000 2-10018/0697	05/07/76	70	6570	7049N	15647W	35.8	167.5	GGGG			87	10
2471-21404	00000/0000 2-10018/0698	05/07/76	100	6570	6931N	15851W	36.9	164.9	GGGG			87	11
2471-21410	00000/0000 2-10018/0699	05/07/76	40	6570	6813N	16041W	38.0	162.5	GGGG			87	12
2471-21413	00000/0000 2-10018/0700	05/07/76	10	6570	6653N	16220W	39.1	160.3	GGGG			87	13
2471-21415	00000/0000 2-10018/0701	05/07/76	20	6570	6533N	16349W	40.1	158.2	GGGG			87	14
2471-21422	00000/0000 2-10018/0702	05/07/76	40	6570	6411N	16510W	41.2	156.2	GGGG			87	15
2471-21424	00000/0000 2-10018/0703	05/07/76	70	6570	6250N	16624W	42.2	154.2	GGGG			87	16
2471-21431	00000/0000 2-10018/0704	05/07/76	50	6570	6127N	16733W	43.2	152.4	GGGG			87	17
2471-21433	00000/0000 2-10018/0705	05/07/76	50	6570	6005N	16835W	44.2	150.5	GGGG			87	18
2471-21440	00000/0000 2-10018/0706	05/07/76	60	6570	5842N	16934W	45.2	148.7	GGGG			87	19
2471-21442	00000/0000 2-10018/0707	05/07/76	90	6570	5719N	17028W	46.1	146.9	GGGG			87	20
2471-21445	00000/0000 2-10018/0708	05/07/76	90	6570	5555N	17119W	47.0	145.0	GGGG			87	21
2471-21451	00000/0000 2-10018/0709	05/07/76	90	6570	5431N	17207W	47.9	143.2	GGGG			87	22
2471-21454	00000/0000 2-10018/0710	05/07/76	90	6570	5307N	17252W	48.8	141.4	GGGG			87	23
2471-21460	00000/0000 2-10018/0711	05/07/76	100	6570	5141N	17335W	49.7	139.5	GGGG			87	24
2472-15000	00000/0000 2-10018/0775	05/08/76	80	6580	4726N	07340W	52.2	133.6	GGGG			16	27
2472-15002	00000/0000 2-10018/0776	05/08/76	70	6580	4601N	07415W	52.9	131.6	GGGG			16	28
2472-15005	00000/0000 2-10018/0777	05/08/76	70	6580	4436N	07449W	53.6	129.5	GGGG			16	29
2472-15011	00000/0000 2-10018/0778	05/08/76	60	6580	4311N	07522W	54.2	127.4	GGGG			16	30
2472-15014	00000/0000 2-10018/0779	05/08/76	50	6580	4145N	07553W	54.8	125.3	GGGG			16	31
2472-15020	00000/0000 2-10018/0780	05/08/76	20	6580	4020N	07622W	55.4	123.1	GGGG			16	32
2472-15023	00000/0000 2-10018/0781	05/08/76	30	6580	3854N	07651W	55.9	120.8	GGGG			16	33
2472-15025	00000/0000 2-10018/0782	05/08/76	50	6580	3729N	07719W	56.3	118.6	GGGG			16	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0131

OBSERVATION ID	MICROFILM REL. NO. POSITION IN REEL RAY	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2472-15032	00000/0000 2-1001R/0783	05/08/76	80	6580	3602N	07747W	56.7	116.2	GGGG		16	35
2472-15034	00000/0000 2-1001R/0784	05/08/76	90	6580	3436N	07814W	57.1	113.8	GGGG		16	36
2472-15041	00000/0000 2-1001R/0785	05/08/76	70	6580	3310N	07840W	57.4	111.4	GGGG		16	37
2472-15043	00000/0000 2-1001R/0786	05/08/76	40	6580	3144N	07905W	57.6	109.0	GGGG		16	38
2472-15050	00000/0000 2-1001R/0787	05/08/76	30	6580	3018N	07930W	57.8	106.6	GGGG		16	39
2472-15052	00000/0000 2-1001R/0788	05/08/76	20	6580	2852N	07955W	57.9	104.1	GGGG		16	40
2472-15055	00000/0000 2-1001R/0789	05/08/76	20	6580	2726N	08018W	58.0	101.6	PGFF		16	41
2472-15061	00000/0000 2-1001R/0790	05/08/76	30	6580	2600N	08042W	58.0	99.1	PPGG	H	16	42
2472-15064	00000/0000 2-1001R/0791	05/08/76	10	6580	2434N	08104W	58.0	96.7	GGGG	H	16	43
2472-16425	00000/0000 2-1001R/0794	05/08/76	10	6581	4851N	09854W	51.5	135.6	GGGG		34	26
2472-16431	00000/0000 2-1001R/0795	05/08/76	0	6581	4726N	09930W	52.2	133.6	GGGG		34	27
2472-16434	00000/0000 2-1001R/0796	05/08/76	0	6581	4601N	10005W	52.9	131.6	GGGG		34	28
2472-16440	00000/0000 2-1001R/0797	05/08/76	0	6581	4436N	10039W	53.6	129.5	FGGG		34	29
2472-16443	00000/0000 2-1001R/0798	05/08/76	0	6581	4311N	10111W	54.2	127.4	GGGG		34	30
2472-16445	00000/0000 2-1001R/0799	05/08/76	0	6581	4145N	10143W	54.8	125.3	GGGG		34	31
2472-16452	00000/0000 2-1001R/0800	05/08/76	20	6581	4019N	10213W	55.4	123.1	GGGG		34	32
2472-16454	00000/0000 2-1001R/0801	05/08/76	20	6581	3854N	10242W	55.9	120.8	GGGG		34	33
2472-16461	00000/0000 2-1001R/0802	05/08/76	50	6581	3728N	10310W	56.3	118.5	FGGG		34	34
2472-16463	00000/0000 2-1001R/0803	05/08/76	50	6581	3602N	10337W	56.8	116.2	GGGG		34	35
2472-16470	00000/0000 2-1001R/0804	05/08/76	40	6581	3436N	10403W	57.1	113.8	GGGG		34	36
2472-16472	00000/0000 2-1001R/0805	05/08/76	80	6581	3310N	10429W	57.4	111.4	GGGG		34	37
2472-16475	00000/0000 2-1001R/0806	05/08/76	90	6581	3144N	10454W	57.6	109.0	GGGG		34	38
2472-16481	00000/0000 2-1001R/0807	05/08/76	70	6581	3018N	10519W	57.8	106.6	GGGG		34	39
2472-16484	00000/0000 2-1001R/0808	05/08/76	70	6581	2853N	10544W	58.0	104.1	GGGG		34	40
2472-18261	00000/0000 2-1001R/0809	05/08/76	50	6582	4851N	12441W	51.5	135.5	GGGG		52	26
2472-18263	00000/0000 2-1001R/0810	05/08/76	80	6582	4726N	12517W	52.2	133.6	GGGG		52	27
2472-18270	00000/0000 2-1001R/0811	05/08/76	90	6582	4601N	12552W	52.9	131.6	GGGG		52	28
2472-21453	00000/0000 2-1001R/0812	05/08/76	0	6584	7207N	15548W	35.0	170.3	GGGG		88	9
2472-21460	00000/0000 2-1001R/0813	05/08/76	0	6584	7050N	15809W	36.1	167.5	GGGG		88	10
2472-21462	00000/0000 2-1001R/0814	05/08/76	10	6584	6933N	16013W	37.2	164.9	GGGG		88	11
2472-21465	00000/0000 2-1001R/0815	05/08/76	80	6584	6814N	16204W	38.3	162.6	GGGG		88	12
2472-21471	00000/0000 2-1001R/0816	05/08/76	90	6584	6654N	16343W	39.3	160.3	GGGG		88	13
2472-21474	00000/0000 2-1001R/0817	05/08/76	70	6584	6534N	16513W	40.4	158.2	GGGG		88	14
2472-21480	00000/0000 2-1001R/0818	05/08/76	80	6584	6413N	16635W	41.4	156.2	GGG		88	15
2472-21483	00000/0000 2-1001R/0819	05/08/76	40	6584	6251N	16749W	42.4	154.2	GGG		88	16
2472-21485	00000/0000 2-1001R/0820	05/08/76	90	6584	6129N	16858W	43.4	152.3	GGGG		88	17

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 013P

OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE QUAL RRV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2472-21492	00000/0000 2-10018/0821	05/08/76	60	6584	6006N	17001W	44.4	150.5	GGGF		88	18
2472-21494	00000/0000 2-10018/0822	05/08/76	70	6584	5843N	17059W	45.4	148.6	GGGG		88	19
2472-21501	00000/0000 2-10018/0823	05/08/76	90	6584	5719N	17154W	46.3	146.8	GGGG		88	20
2472-21503	00000/0000 2-10018/0824	05/08/76	80	6584	5556N	17245W	47.3	145.0	GGGG		88	21
2472-21510	00000/0000 2-10018/0825	05/08/76	80	6584	5432N	17332W	48.2	143.1	GGGG		88	22
2472-21512	00000/0000 2-10018/0826	05/08/76	80	6584	5308N	17417W	49.0	141.3	FGGG		88	23
2472-21515	00000/0000 2-10018/0827	05/08/76	60	6584	5144N	17459W	49.9	139.4	GFGG		88	24
2473-15054	00000/0000 2-10018/0828	05/09/76	60	6594	4728N	07504W	52.4	133.4	GGGG		17	27
2473-15061	00000/0000 2-10018/0829	05/09/76	80	6594	4603N	07539W	53.1	131.4	GGGG		17	28
2473-15063	00000/0000 2-10018/0830	05/09/76	60	6594	4498N	07613W	53.8	129.3	GGGG		17	29
2473-15070	00000/0000 2-10018/0831	05/09/76	40	6594	4312N	07646W	54.4	127.2	GGGG		17	30
2473-15072	00000/0000 2-10018/0832	05/09/76	10	6594	4146N	07717W	55.0	125.0	GGGG		17	31
2473-15075	00000/0000 2-10018/0833	05/09/76	10	6594	4021N	07747W	55.6	122.8	GGGG		17	32
2473-15081	00000/0000 2-10018/0834	05/09/76	0	6594	3855N	07816W	56.1	120.6	GGGG		17	33
2473-15084	00000/0000 2-10018/0835	05/09/76	0	6594	3730N	07844W	56.5	118.3	FGGG		17	34
2473-15090	00000/0000 2-10018/0836	05/09/76	0	6594	3604N	07912W	56.9	115.9	GGGG		17	35
2473-15093	00000/0000 2-10018/0837	05/09/76	0	6594	3438N	07938W	57.3	113.5	GGGF		17	36
2473-15095	00000/0000 2-10018/0838	05/09/76	0	6594	3313N	08005W	57.5	111.1	GGGG		17	37
2473-15102	00000/0000 2-10018/0839	05/09/76	90	6594	3146N	08030W	57.8	108.6	GGGG		17	38
2473-15104	00000/0000 2-10018/0840	05/09/76	90	6594	3020N	08055W	58.0	106.2	GGGG		17	39
2473-15111	00000/0000 2-10018/0841	05/09/76	80	6594	2854N	08120W	58.1	103.7	GGGG		17	40
2473-15113	00000/0000 2-10018/0842	05/09/76	50	6594	2727N	08144W	58.1	101.2	GGGG		17	41
2473-15120	00000/0000 2-10018/0843	05/09/76	20	6594	2601N	08207W	58.1	98.7	GGGG		17	42
2473-15122	00000/0000 2-10018/0844	05/09/76	20	6594	2435N	08230W	58.1	96.3	GGGG		17	43
2473-16483	00000/0000 2-10018/0845	05/09/76	30	6595	4853N	10019W	51.7	135.4	GGGG		35	26
2473-16490	00000/0000 2-10018/0846	05/09/76	10	6595	4728N	10055W	52.4	133.4	GGGG		35	27
2473-16492	00000/0000 2-10018/0847	05/09/76	0	6595	4603N	10130W	53.1	131.4	GFGG		35	28
2473-16495	00000/0000 2-10018/0848	05/09/76	0	6595	4437N	10204W	53.8	129.3	GGGG		35	29
2473-16501	00000/0000 2-10018/0849	05/09/76	0	6595	4312N	10236W	54.4	127.2	GGGG		35	30
2473-16504	00000/0000 2-10018/0850	05/09/76	10	6595	4147N	10307W	55.0	125.0	FFGG		35	31
2473-16510	00000/0000 2-10018/0851	05/09/76	10	6595	4021N	10336W	55.6	122.8	GFGG		35	32
2473-16513	00000/0000 2-10018/0852	05/09/76	20	6595	3856N	10405W	56.1	120.5	GFFG		35	33
2473-16515	00000/0000 2-10018/0853	05/09/76	30	6595	3730N	10433W	56.5	118.2	GGGG		35	34
2473-16522	00000/0000 2-10018/0854	05/09/76	10	6595	3604N	10500W	56.9	115.9	GGGG		35	35
2473-16524	00000/0000 2-10018/0855	05/09/76	20	6595	3498N	10527W	57.3	113.5	GGGG		35	36
2473-16531	00000/0000 2-10018/0856	05/09/76	20	6595	3313N	10554W	57.6	111.1	FGGG		35	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0133

OBSERVATION ID	MICROFILM POSITION IN RBL	RBL NR./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE	PRINT LAT	SUN FLV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA	MSS IMAGE	ORBIT PATH	FRAME ROW
	RBV	MSS					LONG			123 45678	MODE	GAIN	NUMBER	NUMBER
2473-16533	00000/0000	2-1001R/0857	05/09/76	10	6595	3147N	10619W	57.8	108.6	GGGG			35	38
2473-16540	00000/0000	2-1001R/0858	05/09/76	10	6595	3020N	10644W	58.0	106.1	FGGG			35	39
2473-16542	00000/0000	2-1001R/0859	05/09/76	0	6595	2855N	10708W	58.1	103.7	GGGG			35	40
2473-18315	00000/0000	2-1001R/0860	05/09/76	50	6596	4853N	12607W	51.7	135.4	GGGG			53	26
2473-18321	00000/0000	2-1001R/0861	05/09/76	90	6596	4728N	12644W	52.4	133.4	GGGG			53	27
2473-21514	00000/0000	2-1001R/0878	05/09/76	10	6598	7049N	15931W	36.4	167.4	GGGG			89	10
2473-21520	00000/0000	2-1001R/0879	05/09/76	40	6598	6932N	16135W	37.5	164.9	GGGG			89	11
2473-21523	00000/0000	2-1001R/0880	05/09/76	90	6598	6813N	16326W	38.5	162.5	GGGG			89	12
2473-21532	00000/0000	2-1001R/0881	05/09/76	80	6598	6533N	16635W	40.7	158.1	GGGG			89	14
2473-21534	00000/0000	2-1001R/0882	05/09/76	60	6598	6412N	16756W	41.7	156.1	GGGG			89	15
2473-21541	00000/0000	2-1001R/0883	05/09/76	90	6598	6250N	16910W	42.7	154.1	GGGG			89	16
2473-21543	00000/0000	2-1001R/0884	05/09/76	80	6598	6128N	17020W	43.7	152.2	GGGG			89	17
2473-21550	00000/0000	2-1001R/0885	05/09/76	80	6598	6004N	17124W	44.7	150.3	GGGG			89	18
2473-21552	00000/0000	2-1001R/0886	05/09/76	90	6598	5841N	17223W	45.7	148.5	GGGG			89	19
2473-21555	00000/0000	2-1001R/0887	05/09/76	100	6598	5718N	17318W	46.6	146.6	GGGG			89	20
2473-21561	00000/0000	2-1001R/0888	05/09/76	90	6598	5554N	17409W	47.5	144.8	GGGG			89	21
2473-21564	00000/0000	2-1001R/0888	05/09/76	90	6598	5430N	17458W	48.4	142.9	GGGG			89	22
2473-21570	00000/0000	2-1001R/0890	05/09/76	70	6598	5305N	17543W	49.3	141.1	GGGG			89	23
2473-21573	00000/0000	2-1001R/0891	05/09/76	70	6598	5141N	17625W	50.1	139.2	GGGG			89	24
2474-15110	00000/0000	2-1001R/0914	05/10/76	20	6608	4851N	07556W	51.9	135.2	GGGG			18	26
2474-15112	00000/0000	2-1001R/0915	05/10/76	10	6608	4726N	07633W	52.6	133.2	GGGG			18	27
2474-15115	00000/0000	2-1001R/0916	05/10/76	0	6608	4601N	07708W	53.4	131.1	GGGG			18	28
2474-15121	00000/0000	2-1001R/0917	05/10/76	0	6608	4436N	07741W	54.0	129.0	GGGG			18	29
2474-15124	00000/0000	2-1001R/0918	05/10/76	10	6608	4311N	07813W	54.6	126.9	GGGG			18	30
2474-15130	00000/0000	2-1001R/0919	05/10/76	10	6608	4146N	07844W	55.2	124.7	GGGG			18	31
2474-15133	00000/0000	2-1001R/0920	05/10/76	10	6608	4020N	07914W	55.8	122.5	GGGG			18	32
2474-15135	00000/0000	2-1001R/0921	05/10/76	10	6608	3855N	07942W	56.3	120.2	GGGG			18	33
2474-15142	00000/0000	2-1001R/0922	05/10/76	30	6608	3729N	08011W	56.7	117.9	GGGG			18	34
2474-15144	00000/0000	2-1001R/0923	05/10/76	50	6608	3603N	08039W	57.1	115.5	GGGG			18	35
2474-15151	00000/0000	2-1001R/0924	05/10/76	60	6608	3437N	08106W	57.4	113.1	GGGG			18	36
2474-15160	00000/0000	2-1001R/0925	05/10/76	20	6608	3144N	08157W	57.9	108.2	GGGG			18	38
2474-15162	00000/0000	2-1001R/0926	05/10/76	40	6608	3019N	08222W	58.1	105.7	GGGG			18	39
2474-15165	00000/0000	2-1001R/0927	05/10/76	30	6608	2853N	08246W	58.2	103.2	GGGG			18	40
2474-15171	00000/0000	2-1001R/0928	05/10/76	50	6608	2726N	08309W	58.2	100.7	GGGG			18	41
2474-15174	00000/0000	2-1001R/0929	05/10/76	10	6608	2600N	08332W	58.2	98.2	GGGG			18	42
2474-15180	00000/0000	2-1001R/0930	05/10/76	20	6608	2434N	08356W	58.1	95.7	GGGG			18	43

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0134

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLBUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2474-16541	00000/0000	2-10018/1011	05/10/76	0	6609	4851N	10146W	51.9	135.2	GGGG			36	26
2474-16544	00000/0000	2-10018/1012	05/10/76	10	6609	4726N	10223W	52.7	133.2	GGGG			36	27
2474-16550	00000/0000	2-10018/1013	05/10/76	10	6609	4601N	10258W	53.4	131.1	GGGG			36	28
2474-16553	00000/0000	2-10018/1014	05/10/76	10	6609	4436N	10332W	54.0	129.0	GGGG			36	29
2474-16555	00000/0000	2-10018/1015	05/10/76	10	6609	4310N	10404W	54.7	126.9	GGGG			36	30
2474-16562	00000/0000	2-10018/1016	05/10/76	10	6609	4144N	10435W	55.2	124.7	GGGG			36	31
2474-16564	00000/0000	2-10018/1017	05/10/76	20	6609	4019N	10505W	55.8	122.5	GGGG			36	32
2474-16571	00000/0000	2-10018/1018	05/10/76	20	6609	3853N	10534W	56.3	120.2	GGGG			36	33
2474-16573	00000/0000	2-10018/1019	05/10/76	30	6609	3727N	10602W	56.7	117.8	GGGG			36	34
2474-16580	00000/0000	2-10018/1020	05/10/76	20	6609	3601N	10629W	57.1	115.5	GGGG			36	35
2474-16582	00000/0000	2-10018/1021	05/10/76	10	6609	3436N	10655W	57.4	113.1	FGGG			36	36
2474-16585	00000/0000	2-10018/1022	05/10/76	10	6609	3311N	10720W	57.7	110.6	FGGG			36	37
2474-16591	00000/0000	2-10018/1023	05/10/76	0	6609	3145N	10744W	57.9	108.1	GGGG			36	38
2474-16594	00000/0000	2-10018/1024	05/10/76	0	6609	3019N	10809W	58.1	105.7	GGGG			36	39
2474-17000	00000/0000	2-10018/1025	05/10/76	0	6609	2852N	10833W	58.2	103.2	GGGG			36	40
2474-21570	00000/0000	2-10018/0931	05/10/76	0	6612	7206N	15840W	35.5	170.3	GGFG			90	9
2474-21572	00000/0000	2-10018/0932	05/10/76	0	6612	7050N	16101W	36.6	167.5	GGGG			90	10
2474-21575	00000/0000	2-10018/0933	05/10/76	10	6612	6933N	16306W	37.7	164.0	GGGG			90	11
2474-21581	00000/0000	2-10018/0934	05/10/76	0	6612	6814N	16456W	38.8	162.0	GGGG			90	12
2474-21584	00000/0000	2-10018/0935	05/10/76	0	6612	6654N	16634W	39.9	160.2	GGGG			90	13
2474-21590	00000/0000	2-10018/0936	05/10/76	10	6612	6534N	16804W	40.9	158.1	GGGG			90	14
2474-21593	00000/0000	2-10018/0937	05/10/76	80	6612	6412N	16927W	41.9	156.0	GGGG			90	15
2474-21595	00000/0000	2-10018/0938	05/10/76	40	6612	6251N	17042W	43.0	154.1	GGGG			90	16
2474-22002	00000/0000	2-10018/0939	05/10/76	70	6612	6128N	17151W	44.0	152.2	GGGG			90	17
2474-22011	00000/0000	2-10018/0940	05/10/76	90	6612	5843N	17351W	45.9	148.4	GGGG			90	19
2474-22013	00000/0000	2-10018/0941	05/10/76	70	6612	5720N	17445W	46.9	146.6	GGGG			90	20
2474-22020	00000/0000	2-10018/0942	05/10/76	60	6612	5556N	17536W	47.8	144.7	GGGG			90	21
2474-22022	00000/0000	2-10018/0943	05/10/76	90	6612	5432N	17624W	48.7	142.8	GGGG			90	22
2474-22025	00000/0000	2-10018/0944	05/10/76	80	6612	5308N	17710W	49.5	141.0	GGGG			90	23
2474-22031	00000/0000	2-10018/0945	05/10/76	50	6612	5143N	17752W	50.4	139.1	GGGG			90	24
2475-15164	00000/0000	2-10018/0892	05/11/76	90	6622	4853N	07721W	52.1	135.0	GGGG			19	26
2475-15171	00000/0000	2-10018/0893	05/11/76	90	6622	4728N	07758W	52.9	133.0	GGGG			19	27
2475-15173	00000/0000	2-10018/0894	05/11/76	90	6622	4602N	07833W	53.6	130.9	GGGG			19	28
2475-15180	00000/0000	2-10018/0895	05/11/76	90	6622	4437N	07906W	54.2	128.8	GGGG			19	29
2475-15182	00000/0000	2-10018/0896	05/11/76	90	6622	4312N	07939W	54.8	126.7	GGGG			19	30
2475-15185	00000/0000	2-10018/0897	05/11/76	100	6622	4147N	08010W	55.4	124.5	GGGG			19	31

KEYS: CLBUD COVER % ..... 0 TO 100 = % CLBUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0135

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER	
2475-15191	00000/0000	2-10018/0898	05/11/76	80	6622	4021N	08040W	55.9	122.2	GGFG	19	32
2475-15194	00000/0000	2-10018/0899	05/11/76	80	6622	3856N	08109W	56.4	119.9	GGGG	19	33
2475-15200	00000/0000	2-10018/0900	05/11/76	90	6622	3730N	08137W	56.9	117.6	GGGG	19	34
2475-15203	00000/0000	2-10018/0901	05/11/76	90	6622	3604N	08205W	57.2	115.2	GGGG	19	35
2475-15205	00000/0000	2-10018/0902	05/11/76	80	6622	3438N	08232W	57.6	112.8	GGGG	19	36
2475-15212	00000/0000	2-10018/0903	05/11/76	70	6622	3313N	08258W	57.8	110.3	GGGG	19	37
2475-15214	00000/0000	2-10018/0904	05/11/76	70	6622	3147N	08323W	58.1	107.8	GGGG	19	38
2475-15221	00000/0000	2-10018/0905	05/11/76	80	6622	3020N	08348W	58.2	105.3	GGGG	19	39
2475-15223	00000/0000	2-10018/0906	05/11/76	70	6622	2854N	08412W	58.3	102.8	GGFG	19	40
2475-15230	00000/0000	2-10018/0907	05/11/76	70	6622	2728N	08435W	58.3	100.3	GGGG	19	41
2475-15232	00000/0000	2-10018/0908	05/11/76	60	6622	2602N	08459W	58.3	97.8	GGGG	19	42
2475-15235	00000/0000	2-10018/0909	05/11/76	40	6622	2435N	08521W	58.2	95.3	GGGG	19	43
2475-17000	00000/0000	2-10018/0946	05/11/76	10	6623	4852N	10312W	52.1	135.0	GGGG	37	26
2475-17002	00000/0000	2-10018/0947	05/11/76	20	6623	4728N	10349W	52.9	133.0	GGGG	37	27
2475-17005	00000/0000	2-10018/0948	05/11/76	50	6623	4603N	10424W	53.6	130.9	FFFG	37	28
2475-17011	00000/0000	2-10018/0949	05/11/76	60	6623	4438N	10457W	54.2	128.8	GGGG	37	29
2475-17014	00000/0000	2-10018/0950	05/11/76	90	6623	4312N	10529W	54.9	126.6	GGGG	37	30
2475-17020	00000/0000	2-10018/0951	05/11/76	80	6623	4146N	10600W	55.4	124.4	FGGF	37	31
2475-17023	00000/0000	2-10018/0952	05/11/76	70	6623	4021N	10630W	56.0	122.2	GGGF	37	32
2475-17025	00000/0000	2-10018/0953	05/11/76	40	6623	3856N	10659W	56.4	119.9	FGGG	37	33
2475-17032	00000/0000	2-10018/0954	05/11/76	30	6623	3730N	10727W	56.9	117.5	GGGG	37	34
2475-17034	00000/0000	2-10018/0955	05/11/76	10	6623	3604N	10755W	57.3	115.2	FGGG	37	35
2475-17041	00000/0000	2-10018/0956	05/11/76	10	6623	3438N	10821W	57.6	112.7	GGFG	37	36
2475-17043	00000/0000	2-10018/0957	05/11/76	10	6623	3312N	10847W	57.9	110.3	FGGG	37	37
2475-17050	00000/0000	2-10018/0958	05/11/76	10	6623	3146N	10912W	58.1	107.8	FGGG	37	38
2475-17052	00000/0000	2-10018/0959	05/11/76	20	6623	3020N	10937W	58.2	105.3	FGGG	37	39
2475-17055	00000/0000	2-10018/0960	05/11/76	20	6623	2854N	11001W	58.3	102.8	FGGG	37	40
2475-20201	00000/0000	2-10018/0961	05/11/76	20	6625	6932N	13842W	38.0	164.8	GGFG	73	11
2475-20204	00000/0000	2-10018/0962	05/11/76	50	6625	6813N	14033W	39.0	162.4	GGGG	73	12
2475-20210	00000/0000	2-10018/0963	05/11/76	90	6625	6654N	14213W	40.1	160.1	GGGG	73	13
2476-15222	00000/0000	2-10018/0964	05/12/76	80	6636	4851N	07846W	52.3	134.8	GGGG	20	26
2476-15225	00000/0000	2-10018/0965	05/12/76	10	6636	4727N	07923W	53.1	132.7	GGGG	20	27
2476-15231	00000/0000	2-10018/0966	05/12/76	10	6636	4602N	07958W	53.8	130.7	GGGG	20	28
2476-15234	00000/0000	2-10018/0967	05/12/76	10	6636	4436N	08031W	54.4	128.5	GGGG	20	29
2476-15240	00000/0000	2-10018/0968	05/12/76	10	6636	4311N	08104W	55.0	126.4	GGGG	20	30
2476-15243	00000/0000	2-10018/0969	05/12/76	20	6636	4145N	08135W	55.6	124.1	GGGG	20	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77.

PAGE 0136

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS MSS	MSS DATA	MSS IMAGE	ORBIT PATH	FRAME ROW
									123	45678	MODE	GAIN	NUMBER	NUMBER
2476-15245	00000/0000	2-10018/0970	05/12/76	10	6636	4019N	08205W	56.1	121.9					
2476-15252	00000/0000	2-10018/0971	05/12/76	10	6636	3854N	08234W	56.6	119.5	GGGG			20	32
2476-15254	00000/0000	2-10018/0972	05/12/76	10	6636	3728N	08302W	57.0	117.2	GGGG			20	33
2476-15261	00000/0000	2-10018/0973	05/12/76	10	6636	3602N	08330W	57.4	114.8	GGGG			20	34
2476-15263	00000/0000	2-10018/0974	05/12/76	10	6636	3436N	08357W	57.7	112.3	GGGG			20	35
2476-15270	00000/0000	2-10018/0975	05/12/76	10	6636	3310N	08423W	58.0	109.9	GGGG			20	36
2476-15272	00000/0000	2-10018/0976	05/12/76	30	6636	3144N	08448W	58.2	107.4	GGGG			20	37
2476-15275	00000/0000	2-10018/0977	05/12/76	60	6636	3019N	08513W	58.3	104.9	GGGG			20	38
2476-15281	00000/0000	2-10018/0978	05/12/76	30	6636	2852N	08537W	58.4	102.3	GGGG			20	39
2476-15284	00000/0000	2-10018/0979	05/12/76	40	6636	2727N	08601W	58.4	99.8	GGGG			20	40
2476-15290	00000/0000	2-10018/0980	05/12/76	20	6636	2601N	08625W	58.4	97.3	GGGG			20	41
2476-15293	00000/0000	2-10018/0981	05/12/76	10	6636	2435N	08648W	58.3	94.8	GGGG			20	42
2476-17054	00000/0000	2-10018/0997	05/12/76	90	6637	4851N	10437W	52.4	134.8	GFGG			38	26
2476-17060	00000/0000	2-10018/0998	05/12/76	80	6637	4726N	10514W	53.1	132.7	GGGG			38	27
2476-17063	00000/0000	2-10018/0999	05/12/76	60	6637	4601N	10549W	53.8	130.6	GGGG			38	28
2476-17065	00000/0000	2-10018/1000	05/12/76	60	6637	4436N	10622W	54.4	128.5	GGGG			38	29
2476-17072	00000/0000	2-10018/1001	05/12/76	40	6637	4310N	10655W	55.1	126.3	GGGG			38	30
2476-17074	00000/0000	2-10018/1002	05/12/76	30	6637	4145N	10725W	55.6	124.1	GGGG			38	31
2476-17081	00000/0000	2-10018/1003	05/12/76	30	6637	4020N	10755W	56.2	121.8	GGGG			38	32
2476-17083	00000/0000	2-10018/1004	05/12/76	20	6637	3854N	10824W	56.6	119.5	GGGG			38	33
2476-17090	00000/0000	2-10018/1005	05/12/76	10	6637	3728N	10852W	57.1	117.1	GGGG			38	34
2476-17092	00000/0000	2-10018/1006	05/12/76	0	6637	3602N	10919W	57.4	114.7	GGGG			38	35
2476-17095	00000/0000	2-10018/1007	05/12/76	0	6637	3437N	10946W	57.7	112.3	GGGG			38	36
2476-17101	00000/0000	2-10018/1008	05/12/76	10	6637	3311N	11012W	58.0	109.8	GGGG			38	37
2476-17104	00000/0000	2-10018/1009	05/12/76	0	6637	3145N	11037W	58.2	107.3	GGGG			38	38
2476-17110	00000/0000	2-10018/1010	05/12/76	0	6637	3018N	11102W	58.3	104.8	GGGG			38	39
2476-18472	2-10019/1510	00000/0000	05/12/76	100	6638	5427N	12740W	49.2	142.5	GGG			56	22
2476-22091	00000/0000	2-10018/0910	05/12/76	70	6640	6930N	16603W	38.3	164.7	GGGG			92	11
2476-22094	00000/0000	2-10018/0911	05/12/76	50	6640	6811N	16753W	39.3	162.3	GGGG			92	12
2476-22100	00000/0000	2-10018/0912	05/12/76	60	6640	6651N	16931W	40.4	160.0	GGGG			92	13
2476-22103	00000/0000	2-10018/0913	05/12/76	40	6640	6531N	17100W	41.4	157.9	GGGG			92	14
2477-15281	2-10018/1434	2-10018/1027	05/13/76	10	6650	4850N	08015W	52.6	134.5	GGG	F	GGG	21	26
2477-15283	00000/0000	2-10018/1028	05/13/76	10	6650	4725N	08052W	53.3	132.5	GGGG			21	27
2477-15290	2-10018/1435	2-10018/1029	05/13/76	70	6650	4600N	08127W	54.0	130.4	G			21	28
2477-15292	2-10018/1436	2-10018/1030	05/13/76	30	6650	4435N	08200W	54.6	128.2	GGG	G	FFG	21	29
2477-15295	2-10018/1437	2-10018/1026	05/13/76	20	6650	4310N	08232W	55.3	126.0	GGG	F	GF	21	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0137

OBSERVATION ID	MICROFILM POSITION R&V	ROLL NO./ IN R&V MSS	DATE ACQUIRED	CLDJD COVER	SBBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL R&V MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SBBIT PATH NUMBER	FRAME R&V NUMBER
2477-15301	2-10018/1438	2-10018/1031	05/13/76	10	6650	4144N	08303W	55.8	123.8	GGG	GGFG		21	31
2477-15304	2-10018/1439	2-10018/1032	05/13/76	10	6650	4018N	08333W	56.3	121.5	GGG	GGGG		21	32
2477-15310	2-10018/1440	2-10018/1033	05/13/76	10	6650	3853N	08402W	56.8	119.2	GGG	GGGG		21	33
2477-15313	2-10018/1441	2-10018/1034	05/13/76	10	6650	3727N	08430W	57.2	116.8	GGG	GGGG		21	34
2477-15315	2-10018/1442	2-10018/1035	05/13/76	10	6650	3600N	08457W	57.6	114.4	GFG	GGGG		21	35
2477-15322	2-10018/1443	2-10018/1036	05/13/76	10	6650	3435N	08524W	57.9	111.9	GGG	GGGG		21	36
2477-15324	2-10018/1444	2-10018/1037	05/13/76	50	6650	3310N	08549W	58.1	109.4	GGG	GGGG		21	37
2477-15331	2-10018/1445	2-10018/1038	05/13/76	30	6650	3144N	08615W	58.3	106.9	GGG	GGGG		21	38
2477-15333	2-10018/1446	2-10018/1039	05/13/76	20	6650	3018N	08639W	58.4	104.4	GGG	FGGG		21	39
2477-15340	2-10018/1447	2-10018/1040	05/13/76	10	6650	2852N	08704W	58.5	101.9	GGG	GGFG		21	40
2477-15342	2-10018/1448	2-10018/1041	05/13/76	20	6650	2726N	08727W	58.5	99.3	GGG	GGGG		21	41
2477-15345	00000/0000	2-10018/1042	05/13/76	40	6650	2559N	08751W	58.5	96.8		GGGG		21	42
2477-17112	2-10018/1451	2-10018/1043	05/13/76	30	6651	4851N	10603W	52.6	134.5	GGG	GGGG		39	26
2477-17115	2-10018/1452	2-10018/1044	05/13/76	10	6651	4725N	10640W	53.3	132.5	GGG	FGGG		39	27
2477-17121	2-10018/1453	2-10018/1045	05/13/76	10	6651	4600N	10715W	54.0	130.4	GGG	GGGG		39	28
2477-17124	2-10018/1454	2-10018/1046	05/13/76	10	6651	4435N	10748W	54.7	128.2	GGG	GGGG		39	29
2477-17130	2-10018/1455	2-10018/1047	05/13/76	10	6651	4309N	10820W	55.3	126.0	GG	GGGG		39	30
2477-17133	2-10018/1456	2-10018/1048	05/13/76	0	6651	4144N	10851W	55.8	123.8	GGG	FGGG		39	31
2477-17135	2-10018/1457	2-10018/1049	05/13/76	0	6651	4018N	10921W	56.3	121.5	GGG	GGGG		39	32
2477-17142	2-10018/1458	2-10018/1050	05/13/76	0	6651	3852N	10950W	56.8	119.1	GGG	GGGG		39	33
2477-17144	2-10018/1459	2-10018/1051	05/13/76	0	6651	3727N	11019W	57.2	116.8	GGG	GGGG		39	34
2477-17151	2-10018/1460	2-10018/1052	05/13/76	0	6651	3600N	11046W	57.6	114.3	GGG	GGFG		39	35
2477-17153	2-10018/1461	2-10018/1053	05/13/76	0	6651	3435N	11113W	57.9	111.9	GG	GGGG		39	36
2477-17160	2-10018/1462	2-10018/1054	05/13/76	0	6651	3309N	11139W	58.1	109.4	GGG	GGGG		39	37
2477-17162	2-10018/1463	2-10018/1055	05/13/76	0	6651	3143N	11205W	58.3	106.9	GG	GGGG		39	38
2477-17165	2-10018/1464	2-10018/1056	05/13/76	0	6651	3017N	11230W	58.5	104.4	GGG	FGFG		39	39
2477-20311	00000/0000	2-10018/0982	05/13/76	100	6653	7046N	13934W	37.4	167.2		FGGG		75	10
2477-20312	2-10018/1500	00000/0000	05/13/76	100	6653	7044N	13939W	37.4	167.1	GGG			75	10
2477-20314	2-10018/1479	2-10018/0983	05/13/76	50	6653	6928N	14138W	38.5	164.6	GG	GGFF		75	11
2477-20321	2-10018/1501	00000/0000	05/13/76	90	6653	6807N	14332W	39.6	162.2	GGG			75	12
2477-20323	2-10018/1480	2-10018/0984	05/13/76	40	6653	6600N	14507W	40.6	160.0	GGG	GGGG		75	13
2477-20325	00000/0000	2-10018/0985	05/13/76	60	6653	6520N	14636W	41.7	157.8		GGGF		75	14
2477-20330	2-10018/1502	00000/0000	05/13/76	50	6653	6527N	14638W	41.7	157.7	GGG			75	14
2477-20332	2-10018/1481	2-10018/0986	05/13/76	80	6653	6408N	14757W	42.7	155.7	GGG	GGGG		75	15
2477-20334	00000/0000	2-10018/0987	05/13/76	60	6653	6247N	14911W	43.7	153.7		GGGF		75	16
2477-20335	2-10018/1503	00000/0000	05/13/76	90	6653	6244N	14913W	43.8	153.7	GGG			75	16

KEYS: CLDJD COVER \* ..... G TO 100 \* % CLDJD COVER.  
 IMAGE QUALITY ..... BLANKS=PAID NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0138

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2477-20341	2-10018/1482	2-10018/0988	05/13/76	80	6653	6125N	15019W	44.7	151.8	GGG	GGGG		75	17
2477-20343	00000/0000	2-10018/0989	05/13/76	80	6653	6002N	15122W	45.7	149.9		GFGG		75	18
2477-20344	2-10019/1504	00000/0000	05/13/76	80	6653	5959N	15124W	45.7	149.8	GGG			75	18
2477-20350	2-10018/1483	2-10018/0990	05/13/76	20	6653	5838N	15221W	46.7	148.0	GGG	GGGG		75	19
2477-20352	00000/0000	2-10018/0991	05/13/76	70	6653	5715N	15315W	47.6	146.1		GGFF		75	20
2477-20353	2-10019/1505	00000/0000	05/13/76	60	6653	5712N	15317W	47.6	146.0	GGG			75	20
2477-20355	2-10018/1484	2-10018/0992	05/13/76	40	6653	5552N	15405W	48.5	144.2	FFF			75	21
2477-22150	00000/0000	2-10018/0993	05/13/76	80	6654	6928N	16727W	38.5	164.6		FGGG		93	11
2477-22152	00000/0000	2-10018/0994	05/13/76	80	6654	6810N	16917W	39.6	162.2		GGFF		93	12
2477-22155	00000/0000	2-10018/0995	05/13/76	90	6654	6650N	17056W	40.7	159.9		GGGG		93	13
2477-22200	00000/0000	2-10018/0996	05/13/76	90	6654	5303N	17830E	50.3	140.4		GGG		93	23
2478-15335	00000/0000	2-10018/0862	05/14/76	90	6664	4842N	08144W	52.8	134.1		GGGG		22	26
2478-15342	00000/0000	2-10018/0863	05/14/76	90	6664	4717N	08221W	53.6	132.1		GGGG		22	27
2478-15344	2-10018/1449	2-10018/0864	05/14/76	40	6664	4552N	08256W	54.2	129.9	GGG	GGGG		22	28
2478-15351	2-10018/1450	2-10018/0865	05/14/76	10	6664	4427N	08329W	54.9	127.8	GGG	GGGG		22	29
2478-15353	00000/0000	2-10018/0866	05/14/76	70	6664	4301N	08401W	55.5	125.6		GGGG		22	30
2478-15360	00000/0000	2-10018/0867	05/14/76	90	6664	4136N	08432W	56.0	123.3		GGGG		22	31
2478-15362	00000/0000	2-10018/0868	05/14/76	100	6664	4011N	08502W	56.5	121.0		GGGG		22	32
2478-15365	00000/0000	2-10018/0869	05/14/76	100	6664	3845N	08531W	57.0	118.6		GGGG		22	33
2478-15371	00000/0000	2-10018/0870	05/14/76	90	6664	3719N	08559W	57.4	116.2		GGGG		22	34
2478-15374	00000/0000	2-10018/0871	05/14/76	100	6664	3553N	08626W	57.7	113.8		GGGG		22	35
2478-15380	00000/0000	2-10018/0872	05/14/76	100	6664	3428N	08653W	58.0	111.3		GGGG		22	36
2478-15383	00000/0000	2-10018/0873	05/14/76	100	6664	3302N	08719W	58.3	108.8		GGGG		22	37
2478-15385	00000/0000	2-10018/0874	05/14/76	100	6664	3136N	08745W	58.4	106.3		GGGG		22	38
2478-15392	00000/0000	2-10018/0875	05/14/76	100	6664	3010N	08810W	58.6	103.8		GGGG		22	39
2478-15394	00000/0000	2-10018/0876	05/14/76	100	6664	2844N	08834W	58.6	101.2		GGGG		22	40
2478-15401	00000/0000	2-10018/0877	05/14/76	100	6664	2717N	08857W	58.6	98.7		GGGG		22	41
2478-17171	2-10018/1465	2-10018/1057	05/14/76	90	6665	4848N	10730W	52.8	134.3	GGG	GFGG		40	26
2478-17173	2-10018/1466	2-10018/1058	05/14/76	90	6665	4723N	10806W	53.5	132.2	GGG	GGFG		40	27
2478-17180	2-10018/1467	2-10018/1059	05/14/76	30	6665	4558N	10841W	54.2	130.1	GGG	GGGG		40	28
2478-17182	2-10018/1468	2-10018/1060	05/14/76	20	6665	4433N	10915W	54.9	127.9	GGG	GGGG		40	29
2478-17185	2-10018/1469	2-10018/1061	05/14/76	10	6665	4308N	10947W	55.5	125.7	GGG	FGGG		40	30
2478-17191	2-10018/1470	2-10018/1062	05/14/76	10	6665	4142N	11018W	56.0	123.4	GGG	GGGF		40	31
2478-17194	2-10018/1471	2-10018/1063	05/14/76	0	6665	4017N	11048W	56.5	121.1	GGG	GGGG		40	32
2478-17200	2-10018/1472	2-10018/1064	05/14/76	0	6665	3851N	11117W	57.0	118.8	GGG	GGGG		40	33
2478-17203	2-10018/1473	2-10018/1065	05/14/76	0	6665	3725N	11145W	57.4	116.4	GGG	GGGG		40	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0139

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2478-17205	2-10018/1474	2-10018/1066	05/14/76	0	6665	3559N	11212W	57.7	113.9	GGG	GGGG		40	35
2478-17212	2-10018/1475	2-10018/1067	05/14/76	0	6665	3434N	11239W	58.0	111.5	GGG	GGGG		40	36
2478-17214	2-10018/1476	2-10018/1068	05/14/76	0	6665	3308N	11305W	58.3	109.0	GGG	GGGG		40	37
2478-17221	2-10018/1477	2-10018/1069	05/14/76	0	6665	3142N	11330W	58.4	106.4	GGG	GGGG		40	38
2478-17223	2-10018/1478	2-10018/1070	05/14/76	0	6665	3016N	11354W	58.6	103.9	GGG	FFGG		40	39
2478-20370	00000/0000	2-10018/1087	05/14/76	80	6667	7045N	14105W	37.7	167.2		GGGG		76	10
2478-20372	00000/0000	2-10018/1088	05/14/76	70	6667	6928N	14306W	38.8	164.6		GGGG		76	11
2478-20375	00000/0000	2-10018/1089	05/14/76	50	6667	6809N	14455W	39.8	162.1		GGGG		76	12
2478-20381	00000/0000	2-10018/1090	05/14/76	70	6667	6649N	14633W	40.9	159.9		GGGG		76	13
2478-20384	00000/0000	2-10018/1091	05/14/76	70	6667	6529N	14802W	41.9	157.7		GGGG		76	14
2478-20390	00000/0000	2-10018/1092	05/14/76	70	6667	6407N	14923W	43.0	155.6		GGGG		76	15
2478-20393	00000/0000	2-10018/1093	05/14/76	60	6667	6246N	15037W	44.0	153.6		GGGG		76	16
2478-20395	00000/0000	2-10018/1094	05/14/76	70	6667	6124N	15145W	45.0	151.7		GGGG		76	17
2478-20402	00000/0000	2-10018/1095	05/14/76	70	6667	6001N	15249W	46.0	149.7		GGGG		76	18
2478-20404	00000/0000	2-10018/1096	05/14/76	80	6667	5837N	15348W	46.9	147.8		GGGG		76	19
2478-20411	00000/0000	2-10018/1097	05/14/76	80	6667	5714N	15443W	47.8	145.9		GGGG		76	20
2478-20413	00000/0000	2-10018/1098	05/14/76	60	6667	5550N	15534W	48.7	144.0		GGGG		76	21
2479-15393	00000/0000	2-10018/1071	05/15/76	0	6678	4850N	08307W	53.0	134.1		GGGG		23	26
2479-15400	00000/0000	2-10018/1072	05/15/76	10	6678	4725N	08343W	53.7	132.0		GGGG		23	27
2479-15402	00000/0000	2-10018/1073	05/15/76	50	6678	4601N	08418W	54.4	129.9		GGGG		23	28
2479-15405	00000/0000	2-10018/1074	05/15/76	80	6678	4435N	08451W	55.0	127.7		GGGG		23	29
2479-15411	00000/0000	2-10018/1075	05/15/76	90	6678	4309N	08523W	55.6	125.5		GGGG		23	30
2479-15414	00000/0000	2-10018/1076	05/15/76	100	6678	4144N	08554W	56.2	123.2		GGGG		23	31
2479-15420	00000/0000	2-10018/1077	05/15/76	30	6678	4019N	08625W	56.7	120.9		GGGG		23	32
2479-15423	00000/0000	2-10018/1078	05/15/76	70	6678	3854N	08654W	57.1	118.5		GGGG		23	33
2479-15425	00000/0000	2-10018/1079	05/15/76	40	6678	3728N	08722W	57.5	116.1		GGGG		23	34
2479-15432	00000/0000	2-10018/1080	05/15/76	60	6678	3602N	08750W	57.9	113.7		GGGG		23	35
2479-15434	00000/0000	2-10018/1081	05/15/76	80	6678	3436N	08817W	58.1	111.2		GGGG		23	36
2479-15441	00000/0000	2-10018/1082	05/15/76	70	6678	3310N	08842W	58.4	108.7		GGGG		23	37
2479-15443	00000/0000	2-10018/1083	05/15/76	50	6678	3144N	08908W	58.5	106.1		GGGG		23	38
2479-15450	00000/0000	2-10018/1084	05/15/76	20	6678	3018N	08932W	58.7	103.6		GGGG		23	39
2479-15452	00000/0000	2-10018/1085	05/15/76	20	6678	2852N	08956W	58.7	101.0		GGGG		23	40
2479-15455	00000/0000	2-10018/1086	05/15/76	20	6678	2726N	09020W	58.7	98.5		GGGG		23	41
2479-17225	00000/0000	2-10018/1099	05/15/76	60	6679	4850N	10856W	53.0	134.1		GGGG		41	26
2479-17231	00000/0000	2-10018/1100	05/15/76	40	6679	4725N	10933W	53.7	132.0		GGGG		41	27
2479-17234	00000/0000	2-10018/1101	05/15/76	70	6679	4600N	11008W	54.4	129.9		GGGG		41	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0140

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SAT PATH NUMBER	FRAME ROW NUMBER
2479-17240	00000/0000	2-10018/1102	05/15/76	50	6679	4495N	11042W	55.0	127.7	GGGG			41	29
2479-17243	00000/0000	2-10018/1103	05/15/76	50	6679	4309N	11114W	55.6	125.5	GGGG			41	30
2479-17245	00000/0000	2-10018/1104	05/15/76	30	6679	4144N	11145W	56.2	123.2	GGGG			41	31
2479-17252	00000/0000	2-10018/1105	05/15/76	30	6679	4019N	11215W	56.7	120.9	GGGG			41	32
2479-17254	00000/0000	2-10018/1106	05/15/76	10	6679	3853N	11244W	57.1	118.5	GGGG			41	33
2479-17261	00000/0000	2-10018/1107	05/15/76	0	6679	3727N	11311W	57.5	116.1	GGGG			41	34
2479-17263	00000/0000	2-10018/1108	05/15/76	0	6679	3601N	11339W	57.9	113.6	GGGG			41	35
2479-17270	00000/0000	2-10018/1109	05/15/76	0	6679	3436N	11405W	58.2	111.2	GGGG			41	36
2479-17272	00000/0000	2-10018/1110	05/15/76	0	6679	3310N	11432W	58.4	108.6	GGGG			41	37
2479-17275	00000/0000	2-10018/1111	05/15/76	0	6679	3143N	11457W	58.6	106.1	GGGG			41	38
2479-20424	00000/0000	2-10018/1112	05/15/76	90	6681	7047N	14229W	37.9	167.2	GGGG			77	10
2479-20430	00000/0000	2-10018/1113	05/15/76	50	6681	6929N	14433W	39.0	164.6	GGGG			77	11
2479-20433	00000/0000	2-10018/1114	05/15/76	60	6681	6811N	14623W	40.0	162.1	GGGG			77	12
2479-20435	00000/0000	2-10018/1115	05/15/76	30	6681	6651N	14801W	41.1	159.9	GGGG			77	13
2479-20442	00000/0000	2-10018/1116	05/15/76	40	6681	6530N	14930W	42.1	157.7	GGGG			77	14
2479-20444	00000/0000	2-10018/1117	05/15/76	40	6681	6409N	15050W	43.2	155.6	GGGG			77	15
2479-20451	00000/0000	2-10018/1118	05/15/76	20	6681	6248N	15205W	44.2	153.6	GGGG			77	16
2479-20453	00000/0000	2-10018/1119	05/15/76	10	6681	6125N	15313W	45.2	151.6	GGGG			77	17
2479-20460	00000/0000	2-10018/1120	05/15/76	10	6681	6002N	15416W	46.2	149.7	GGGG			77	18
2479-20462	00000/0000	2-10018/1121	05/15/76	10	6681	5839N	15514W	47.1	147.8	GGGG			77	19
2479-20465	00000/0000	2-10018/1122	05/15/76	20	6681	5716N	15608W	48.0	145.9	GGGG			77	20
2479-20471	00000/0000	2-10018/1123	05/15/76	80	6681	5553N	15658W	48.9	144.0	GGGG			77	21
2479-20474	00000/0000	2-10018/1124	05/15/76	90	6681	5429N	15745W	49.8	142.0	GGGG			77	22
2480-15451	00000/0000	2-10018/1138	05/16/76	100	6692	4850N	08434W	53.2	133.9	GGGG			24	26
2480-15454	00000/0000	2-10018/1139	05/16/76	100	6692	4725N	08510W	53.9	131.8	GGGG			24	27
2480-15460	00000/0000	2-10018/1140	05/16/76	100	6692	4559N	08544W	54.6	129.6	GGGG			24	28
2480-15463	00000/0000	2-10018/1141	05/16/76	90	6692	4434N	08618W	55.2	127.5	GGGG			24	29
2480-15465	00000/0000	2-10018/1142	05/16/76	80	6692	4310N	08650W	55.8	125.2	GGGG			24	30
2480-15472	00000/0000	2-10018/1143	05/16/76	40	6692	4145N	08721W	56.3	122.9	GGGG			24	31
2480-15474	00000/0000	2-10018/1144	05/16/76	60	6692	4019N	08752W	56.8	120.6	GGGG			24	32
2480-15481	00000/0000	2-10018/1145	05/16/76	70	6692	3852N	08821W	57.3	118.2	GGGG			24	33
2480-15483	00000/0000	2-10018/1146	05/16/76	80	6692	3727N	08849W	57.7	115.8	GGGG			24	34
2480-15490	00000/0000	2-10018/1147	05/16/76	70	6692	3601N	08916W	58.0	113.3	GGGG			24	35
2480-15492	00000/0000	2-10018/1148	05/16/76	90	6692	3435N	08943W	58.3	110.8	GGGG			24	36
2480-15495	00000/0000	2-10018/1149	05/16/76	50	6692	3309N	09009W	58.5	108.3	GGGG			24	37
2480-15501	00000/0000	2-10018/1150	05/16/76	10	6692	3143N	09034W	58.7	105.7	GGGG			24	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK, NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0141

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2480-15504	00000/0000	2-10018/1151	05/16/76	10	6692	3017N	09059W	58.8	103.2	GGGG			24	39
2480-17283	00000/0000	2-10018/1125	05/16/76	10	6693	4850N	11021W	53.2	133.9	GGGG			42	26
2480-17290	00000/0000	2-10018/1126	05/16/76	10	6693	4724N	11058W	53.9	131.8	GGGG			42	27
2480-17292	00000/0000	2-10018/1127	05/16/76	10	6693	4559N	11132W	54.6	129.6	GGGG			42	28
2480-17295	00000/0000	2-10018/1128	05/16/76	0	6693	4434N	11205W	55.2	127.4	GGGG			42	29
2480-17301	00000/0000	2-10018/1129	05/16/76	0	6693	4309N	11238W	55.8	125.2	GGGG			42	30
2480-17304	00000/0000	2-10018/1130	05/16/76	0	6693	4143N	11310W	56.3	122.9	GGGG			42	31
2480-17310	00000/0000	2-10018/1131	05/16/76	0	6693	4018N	11340W	56.8	120.6	GGGG			42	32
2480-17313	00000/0000	2-10018/1132	05/16/76	0	6693	3852N	11409W	57.3	118.2	GGGG			42	33
2480-17315	00000/0000	2-10018/1133	05/16/76	0	6693	3727N	11438W	57.7	115.7	GGGG			42	34
2480-17322	00000/0000	2-10018/1134	05/16/76	0	6693	3601N	11505W	58.0	113.3	GGGG			42	35
2480-17324	00000/0000	2-10018/1135	05/16/76	0	6693	3434N	11532W	58.3	110.8	GGGG			42	36
2480-17331	00000/0000	2-10018/1136	05/16/76	0	6693	3309N	11558W	58.5	108.2	GGGG			42	37
2480-17333	00000/0000	2-10018/1137	05/16/76	30	6693	3143N	11623W	58.7	105.7	GGGG			42	38
2480-20482	00000/0000	2-10018/1152	05/16/76	80	6695	7046N	14357W	38.1	167.1	GGGG			78	10
2480-20485	00000/0000	2-10018/1153	05/16/76	30	6695	6928N	14600W	39.2	164.5	GGGG			78	11
2480-20491	00000/0000	2-10018/1154	05/16/76	70	6695	6809N	14750W	40.3	162.1	GGGG			78	12
2480-20494	00000/0000	2-10018/1155	05/16/76	70	6695	6649N	14929W	41.3	159.8	GGFG			78	13
2480-20500	00000/0000	2-10018/1156	05/16/76	50	6695	6529N	15059W	42.4	157.6	GGGG			78	14
2480-20503	00000/0000	2-10018/1157	05/16/76	10	6695	6408N	15219W	43.4	155.5	GGGG			78	15
2480-20505	00000/0000	2-10018/1158	05/16/76	30	6695	6246N	15333W	44.4	153.5	GGGG			78	16
2480-20512	00000/0000	2-10018/1159	05/16/76	10	6695	6123N	15441W	45.4	151.5	GGGG			78	17
2480-20514	00000/0000	2-10018/1160	05/16/76	70	6695	6001N	15543W	46.4	149.6	GGGG			78	18
2480-20521	00000/0000	2-10018/1161	05/16/76	100	6695	5838N	15642W	47.3	147.6	GGGG			78	19
2480-20523	00000/0000	2-10018/1162	05/16/76	90	6695	5715N	15736W	48.3	145.7	GGGG			78	20
2480-20530	00000/0000	2-10018/1163	05/16/76	90	6695	5550N	15826W	49.2	143.8	GGGG			78	21
2480-20532	00000/0000	2-10018/1164	05/16/76	90	6695	5426N	15914W	50.0	141.9	GGGG			78	22
2481-15510	00000/0000	2-10018/1171	05/17/76	90	6706	4848N	08600W	53.4	133.7	GGGG			25	26
2481-15512	00000/0000	2-10018/1172	05/17/76	70	6706	4723N	08636W	54.1	131.5	FGGG			25	27
2481-15515	00000/0000	2-10018/1173	05/17/76	50	6706	4558N	08711W	54.8	129.4	GGGG			25	28
2481-15521	00000/0000	2-10018/1174	05/17/76	20	6706	4433N	08745W	55.4	127.2	GGGG			25	29
2481-15524	00000/0000	2-10018/1175	05/17/76	40	6706	4307N	08818W	56.0	124.9	GGGG			25	30
2481-15530	00000/0000	2-10018/1176	05/17/76	90	6706	4142N	08849W	56.5	122.6	GGGG			25	31
2481-15533	00000/0000	2-10018/1177	05/17/76	100	6706	4017N	08919W	57.0	120.2	GGGG			25	32
2481-15535	00000/0000	2-10018/1178	05/17/76	100	6706	3851N	08948W	57.4	117.8	GGGG			25	33
2481-15542	00000/0000	2-10018/1179	05/17/76	100	6706	3725N	09016W	57.8	115.4	GGGG			25	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0142

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ POSITION IN ROLL MSS	DATE ACQUIRED	CLCUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINT LNG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2481-15544	00000/0000	2-10018/1180	05/17/76	100	6706	3559N	09043W	58.1	112.9	GGGG			25	35
2481-15551	00000/0000	2-10018/1181	05/17/76	90	6706	3433N	09110W	58.4	110.4	GGGG			25	36
2481-15553	00000/0000	2-10018/1182	05/17/76	40	6706	3308N	09135W	58.6	107.9	GGGG			25	37
2481-15560	00000/0000	2-10018/1183	05/17/76	30	6706	3142N	09200W	58.8	105.3	GGGG			25	38
2481-15562	00000/0000	2-10018/1184	05/17/76	10	6706	3017N	09225W	58.8	102.7	GGGG			25	39
2481-17341	00000/0000	2-10018/1185	05/17/76	50	6707	4848N	11149W	53.4	133.6	GGGG			43	26
2481-17344	00000/0000	2-10018/1186	05/17/76	20	6707	4723N	11226W	54.1	131.5	GGGG			43	27
2481-17350	00000/0000	2-10018/1187	05/17/76	0	6707	4558N	11301W	54.8	129.4	GGGG			43	28
2481-17353	00000/0000	2-10018/1188	05/17/76	0	6707	4433N	11334W	55.4	127.1	GGGG			43	29
2481-17355	00000/0000	2-10018/1189	05/17/76	0	6707	4308N	11407W	56.0	124.9	GGGG			43	30
2481-17362	00000/0000	2-10018/1190	05/17/76	0	6707	4142N	11438W	56.5	122.6	GGGG			43	31
2481-17364	00000/0000	2-10018/1191	05/17/76	0	6707	4017N	11508W	57.0	120.2	GGGG			43	32
2481-17371	00000/0000	2-10018/1192	05/17/76	0	6707	3851N	11536W	57.4	117.8	GGGG			43	33
2481-17373	00000/0000	2-10018/1193	05/17/76	0	6707	3726N	11604W	57.8	115.4	GGGG			43	34
2481-17380	00000/0000	2-10018/1194	05/17/76	0	6707	3601N	11632W	58.1	112.9	GGGG			43	35
2481-17382	00000/0000	2-10018/1195	05/17/76	0	6707	3435N	11658W	58.4	110.4	GGGG			43	36
2481-17385	00000/0000	2-10018/1196	05/17/76	30	6707	3309N	11724W	58.6	107.8	GGGG			43	37
2481-17391	00000/0000	2-10018/1197	05/17/76	90	6707	3142N	11749W	58.8	105.3	GGGG			43	38
2482-15564	00000/0000	2-10018/1198	05/18/76	10	6720	4848N	08726W	53.6	133.4	GGFG			26	26
2482-15571	00000/0000	2-10018/1199	05/18/76	0	6720	4722N	08803W	54.3	131.3	GGFG			26	27
2482-15573	00000/0000	2-10018/1200	05/18/76	0	6720	4557N	08838W	54.9	129.1	GGGG			26	28
2482-15580	00000/0000	2-10018/1201	05/18/76	10	6720	4432N	08911W	55.6	126.9	GGGG			26	29
2482-15582	00000/0000	2-10018/1202	05/18/76	10	6720	4307N	08943W	56.1	124.6	GGGG			26	30
2482-15585	00000/0000	2-10018/1203	05/18/76	0	6720	4141N	09014W	56.7	122.3	GGGG			26	31
2482-15591	00000/0000	2-10018/1204	05/18/76	0	6720	4015N	09044W	57.1	119.9	GGGG			26	32
2482-15594	00000/0000	2-10018/1205	05/18/76	10	6720	3850N	09113W	57.6	117.5	GGGG			26	33
2482-16000	00000/0000	2-10018/1206	05/18/76	10	6720	3725N	09141W	57.9	115.0	GGGG			26	34
2482-16003	00000/0000	2-10018/1207	05/18/76	10	6720	3559N	09209W	58.3	112.5	GFFF			26	35
2482-16005	00000/0000	2-10018/1208	05/18/76	10	6720	3433N	09236W	58.5	110.0	GGGG			26	36
2482-16012	00000/0000	2-10018/1209	05/18/76	10	6720	3307N	09302W	58.7	107.5	GGGG			26	37
2482-16014	00000/0000	2-10018/1165	05/18/76	10	6720	3141N	09328W	58.9	104.9	GGGG			26	38
2482-16021	00000/0000	2-10018/1166	05/18/76	10	6720	3016N	09352W	58.9	102.3	GGGG			26	39
2482-16023	00000/0000	2-10018/1167	05/18/76	10	6720	2850N	09416W	59.0	99.7	GGGG			26	40
2482-16030	00000/0000	2-10018/1168	05/18/76	30	6720	2723N	09440W	58.9	97.2	GGGG			26	41
2482-16032	00000/0000	2-10018/1169	05/18/76	30	6720	2557N	09502W	58.8	94.6	GGGG			26	42
2482-16035	00000/0000	2-10018/1170	05/18/76	30	6720	2430N	09525W	58.6	92.1	GGGG			26	43

KEYS: CLCUD COVER % ..... 0 TO 100 = % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0143

OBSERVATION ID	MICROFILM REL. NO./ POSITION IN REEL RBV	DATE ACQUIRED	CLCUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2482-17400	00000/0000	2-10018/1210	05/18/76	20	6721	4847N	11315W	53.6	133.4	GGGG	44	26
2482-17402	00000/0000	2-10018/1211	05/18/76	20	6721	4722N	11352W	54.3	131.3	GGGG	44	27
2482-17405	00000/0000	2-10018/1212	05/18/76	10	6721	4557N	11427W	54.9	129.1	GGGG	44	28
2482-17411	00000/0000	2-10018/1213	05/18/76	10	6721	4433N	11501W	55.6	126.9	GGGG	44	29
2482-17414	00000/0000	2-10018/1214	05/18/76	0	6721	4307N	11533W	56.1	124.6	GGGG	44	30
2482-17420	00000/0000	2-10018/1215	05/18/76	0	6721	4142N	11604W	56.7	122.3	GGGG	44	31
2482-17423	00000/0000	2-10018/1216	05/18/76	0	6721	4016N	11633W	57.1	119.9	GGGG	44	32
2482-17425	00000/0000	2-10018/1217	05/18/76	0	6721	3851N	11702W	57.6	117.5	GGGG	44	33
2482-17432	00000/0000	2-10018/1218	05/18/76	0	6721	3725N	11729W	57.9	115.0	GGGG	44	34
2482-17434	00000/0000	2-10018/1219	05/18/76	10	6721	3559N	11757W	58.3	112.5	GGGG	44	35
2482-17441	00000/0000	2-10018/1220	05/18/76	10	6721	3433N	11823W	58.5	110.0	GGGG	44	36
2482-17443	00000/0000	2-10018/1221	05/18/76	40	6721	3308N	11849W	58.7	107.4	GGGG	44	37
2482-20595	00000/0000	2-10018/1223	05/18/76	40	6723	7046N	14644W	38.5	167.1	GGGG	80	10
2482-21001	00000/0000	2-10018/1224	05/18/76	40	6723	6928N	14848W	39.6	164.4	GGGG	80	11
2482-21004	00000/0000	2-10018/1225	05/18/76	60	6723	6810N	15038W	40.7	162.0	GGGG	80	12
2482-21010	00000/0000	2-10018/1226	05/18/76	40	6723	6651N	15217W	41.8	159.7	GGGG	80	13
2482-21013	00000/0000	2-10018/1227	05/18/76	40	6723	6530N	15346W	42.8	157.5	GGGG	80	14
2482-21015	00000/0000	2-10018/1228	05/18/76	50	6723	6438N	15507W	43.8	155.4	GGGG	80	15
2482-21024	00000/0000	2-10018/1229	05/18/76	90	6723	6125N	15729W	45.8	151.3	GGGG	80	17
2482-21031	00000/0000	2-10018/1230	05/18/76	80	6723	6002N	15833W	46.8	149.4	GGGG	80	18
2482-21033	00000/0000	2-10018/1231	05/18/76	90	6723	5839N	15931W	47.7	147.4	GGGG	80	19
2482-21040	00000/0000	2-10018/1232	05/18/76	70	6723	5715N	16026W	48.7	145.5	GGGG	80	20
2482-21042	00000/0000	2-10018/1233	05/18/76	80	6723	5552N	16116W	49.6	143.5	GGGG	80	21
2482-21045	00000/0000	2-10018/1234	05/18/76	80	6723	5428N	16203W	50.4	141.6	GGFG	80	22
2483-14193	00000/0000	2-10018/1222	05/19/76	90	6733	4724N	06339W	54.4	131.1	GGGG	9	27
2483-16043	00000/0000	2-10018/1288	05/19/76	0	6734	4140N	09141W	56.8	122.0	GGGG	27	31
2483-16045	00000/0000	2-10018/1289	05/19/76	10	6734	4015N	09211W	57.3	119.6	GGGG	27	32
2483-16052	00000/0000	2-10018/1290	05/19/76	0	6734	3849N	09239W	57.7	117.1	GGGG	27	33
2483-16054	00000/0000	2-10018/1291	05/19/76	0	6734	3723N	09307W	58.1	114.7	GGGG	27	34
2483-16061	00000/0000	2-10018/1292	05/19/76	10	6734	3558N	09335W	58.4	112.2	GGGG	27	35
2483-16063	00000/0000	2-10018/1293	05/19/76	10	6734	3432N	09402W	58.6	109.6	GGGG	27	36
2483-16070	00000/0000	2-10018/1294	05/19/76	10	6734	3306N	09427W	58.8	107.1	GGGG	27	37
2483-16072	00000/0000	2-10018/1295	05/19/76	10	6734	3140N	09453W	58.9	104.5	GGGG	27	38
2483-16075	00000/0000	2-10018/1296	05/19/76	20	6734	3015N	09518W	59.0	101.9	GGGG	27	39
2483-16081	00000/0000	2-10018/1297	05/19/76	70	6734	2848N	09542W	59.0	99.3	GGGG	27	40
2483-16084	00000/0000	2-10018/1298	05/19/76	60	6734	2722N	09606W	59.0	96.8	GGFG	27	41

KEYS: CLCUD COVER % ..... 0 TO 100 = % CLCUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0144

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUN ORBIT PATH NUMBER	FRAME ROW NUMBER
2483-16090	00000/0000	2-10018/1299	05/19/76	80	6734	2556N	09628W	58.8	94.2	GGGG		27	42
2483-16093	00000/0000	2-10018/1300	05/19/76	80	6734	2429N	09651W	58.7	91.7	GGGG		27	43
2483-17454	00000/0000	2-10018/1244	05/19/76	10	6735	4846N	11442W	53.8	133.2	GGGG		45	26
2483-17460	00000/0000	2-10018/1245	05/19/76	10	6735	4721N	11518W	54.5	131.0	GGGG		45	27
2483-17463	00000/0000	2-10018/1246	05/19/76	0	6735	4556N	11553W	55.1	128.8	GGGG		45	28
2483-17465	00000/0000	2-10018/1247	05/19/76	10	6735	4432N	11626W	55.7	126.6	GGGG		45	29
2483-17472	00000/0000	2-10018/1248	05/19/76	30	6735	4306N	11659W	56.3	124.3	GGGG		45	30
2483-17474	00000/0000	2-10018/1249	05/19/76	20	6735	4141N	11730W	56.8	122.0	GGGG		45	31
2483-17481	00000/0000	2-10018/1250	05/19/76	10	6735	4015N	11800W	57.3	119.6	GGGG		45	32
2483-17483	00000/0000	2-10018/1251	05/19/76	0	6735	3849N	11829W	57.7	117.1	GGGG		45	33
2483-17490	00000/0000	2-10018/1252	05/19/76	10	6735	3723N	11857W	58.1	114.6	GGGG		45	34
2483-17492	00000/0000	2-10018/1253	05/19/76	0	6735	3557N	11924W	58.4	112.1	GGGG		45	35
2483-17495	00000/0000	2-10018/1254	05/19/76	30	6735	3431N	11950W	58.6	109.6	GGGG		45	36
2483-17501	00000/0000	2-10018/1255	05/19/76	90	6735	3306N	12015W	58.8	107.0	GGGG		45	37
2483-21053	00000/0000	2-10018/1301	05/19/76	100	6737	7046N	14811W	38.8	167.0	GGGG		81	10
2483-21060	00000/0000	2-10018/1302	05/19/76	100	6737	6928N	15015W	39.9	164.3	GGGG		81	11
2483-21062	00000/0000	2-10018/1303	05/19/76	90	6737	6810N	15206W	40.9	161.9	GGGG		81	12
2483-21065	00000/0000	2-10018/1304	05/19/76	80	6737	6650N	15345W	42.0	159.6	GGGG		81	13
2483-21071	00000/0000	2-10018/1305	05/19/76	70	6737	6529N	15513W	43.0	157.4	GGGG		81	14
2483-21074	00000/0000	2-10018/1306	05/19/76	40	6737	6408N	15634W	44.0	155.3	GGGG		81	15
2483-21080	00000/0000	2-10018/1307	05/19/76	50	6737	6246N	15747W	45.1	153.2	GGGG		81	16
2483-21085	00000/0000	2-10018/1308	05/19/76	80	6737	6002N	15957W	47.0	149.2	GGGG		81	18
2483-21092	00000/0000	2-10018/1309	05/19/76	70	6737	5848N	16055W	47.9	147.3	GGGG		81	19
2483-21094	00000/0000	2-10018/1310	05/19/76	60	6737	5715N	16149W	48.9	145.3	GGGG		81	20
2483-21101	00000/0000	2-10018/1311	05/19/76	80	6737	5551N	16240W	49.8	143.4	GGGG		81	21
2483-21103	00000/0000	2-10018/1312	05/19/76	90	6737	5427N	16328W	50.6	141.4	FFFF		81	22
2483-21110	00000/0000	2-10018/1313	05/19/76	80	6737	5303N	16414W	51.5	139.4	GGGG		81	23
2484-14251	00000/0000	2-10018/1256	05/20/76	20	6747	4723N	06505W	54.6	130.9	GGGG		10	27
2484-14254	00000/0000	2-10018/1257	05/20/76	60	6747	4559N	06539W	55.2	128.7	GGFF		10	28
2484-14260	00000/0000	2-10018/1258	05/20/76	100	6747	4434N	06612W	55.8	126.4	GGFG		10	29
2484-14263	00000/0000	2-10018/1259	05/20/76	100	6747	4309N	06645W	56.4	124.1	GGGF		10	30
2484-16081	00000/0000	2-10018/1260	05/20/76	30	6748	4850N	09016W	53.9	133.0	GGGG		28	26
2484-16083	00000/0000	2-10018/1261	05/20/76	10	6748	4724N	09054W	54.6	130.9	FGGG		28	27
2484-16090	00000/0000	2-10018/1262	05/20/76	0	6748	4559N	09129W	55.2	128.7	FGGG		28	28
2484-16092	00000/0000	2-10018/1263	05/20/76	10	6748	4434N	09203W	55.9	126.4	GGGG		28	29
2484-16095	00000/0000	2-10018/1264	05/20/76	30	6748	4308N	09235W	56.4	124.1	GGGG		28	30

KEYS: CLOUD COVER 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0145

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2484-16101	00000/0000	2-10018/1265	05/20/76	10	6748	4143N	09306W	56.9	121.8	FGGG			28	31
2484-16104	00000/0000	2-10018/1266	05/20/76	10	6748	4018N	09336W	57.4	119.4	GGGG			28	32
2484-16110	00000/0000	2-10018/1267	05/20/76	10	6748	3852N	09405W	57.8	116.9	GGGG			28	33
2484-16113	00000/0000	2-10018/1268	05/20/76	0	6748	3726N	09433W	58.2	114.4	GGGG			28	34
2484-16115	00000/0000	2-10018/1269	05/20/76	10	6748	3600N	09500W	58.5	111.9	GGGG			28	35
2484-16122	00000/0000	2-10018/1270	05/20/76	10	6748	3434N	09526W	58.7	109.3	GGGG			28	36
2484-16124	00000/0000	2-10018/1271	05/20/76	30	6748	3308N	09552W	58.9	106.8	GGGG			28	37
2484-16131	00000/0000	2-10018/1272	05/20/76	60	6748	3143N	09618W	59.0	104.2	GGGG			28	38
2484-16133	00000/0000	2-10018/1273	05/20/76	90	6748	3017N	09643W	59.1	101.6	GGGG			28	39
2484-16140	00000/0000	2-10018/1274	05/20/76	90	6748	2851N	09707W	59.1	99.0	GGGG			28	40
2484-16142	00000/0000	2-10018/1275	05/20/76	90	6748	2725N	09730W	59.0	96.4	GGGG			28	41
2484-16145	00000/0000	2-10018/1276	05/20/76	90	6748	2559N	09753W	58.9	93.9	GGGG			28	42
2484-17512	00000/0000	2-10018/1277	05/20/76	100	6749	4848N	11606W	53.9	133.0	GGGG			46	26
2484-17515	00000/0000	2-10018/1278	05/20/76	80	6749	4723N	11642W	54.6	130.9	GGGG			46	27
2484-17521	00000/0000	2-10018/1279	05/20/76	20	6749	4559N	11717W	55.3	128.7	GGGG			46	28
2484-17524	00000/0000	2-10018/1280	05/20/76	10	6749	4434N	11751W	55.9	126.4	GGGG			46	29
2484-17530	00000/0000	2-10018/1281	05/20/76	0	6749	4308N	11823W	56.4	124.1	GGGG			46	30
2484-17533	00000/0000	2-10018/1282	05/20/76	0	6749	4142N	11854W	56.9	121.7	GGGG			46	31
2484-17535	00000/0000	2-10018/1283	05/20/76	0	6749	4018N	11924W	57.4	119.3	GGGG			46	32
2484-17542	00000/0000	2-10018/1284	05/20/76	0	6749	3853N	11953W	57.8	116.9	GGGG			46	33
2484-17544	00000/0000	2-10018/1285	05/20/76	10	6749	3727N	12021W	58.2	114.4	GGGG			46	34
2484-17551	00000/0000	2-10018/1286	05/20/76	30	6749	3601N	12049W	58.5	111.9	GGGG			46	35
2484-17553	00000/0000	2-10018/1287	05/20/76	90	6749	3435N	12116W	58.7	109.3	GGGG			46	36
2484-21111	00000/0000	2-10018/1314	05/20/76	90	6751	7045N	14940W	39.0	166.9	GGGG			82	10
2484-21114	00000/0000	2-10018/1315	05/20/76	80	6751	6927N	15143W	40.1	164.3	GGGG			82	11
2484-21120	00000/0000	2-10018/1316	05/20/76	20	6751	6809N	15333W	41.1	161.8	GGGG			82	12
2484-21123	00000/0000	2-10018/1317	05/20/76	20	6751	6649N	15512W	42.2	159.5	GGGG			82	13
2484-21125	00000/0000	2-10018/1318	05/20/76	10	6751	6528N	15641W	43.2	157.3	GGGG			82	14
2484-21132	00000/0000	2-10018/1319	05/20/76	10	6751	6406N	15802W	44.3	155.2	GGGG			82	15
2484-21141	00000/0000	2-10018/1320	05/20/76	10	6751	6123N	16025W	46.2	151.1	GGGG			82	17
2484-21143	00000/0000	2-10018/1321	05/20/76	10	6751	6000N	16127W	47.2	149.1	GGGG			82	18
2484-21150	00000/0000	2-10018/1322	05/20/76	20	6751	5838N	16225W	48.1	147.1	FGGG			82	19
2484-21152	00000/0000	2-10018/1323	05/20/76	90	6751	5715N	16318W	49.1	145.2	GGGG			82	20
2484-21155	00000/0000	2-10018/1324	05/20/76	90	6751	5551N	16409W	50.0	143.2	GGGG			82	21
2484-21161	00000/0000	2-10018/1325	05/20/76	40	6751	5426N	16457W	50.8	141.2	FGGG			82	22
2484-21164	00000/0000	2-10018/1326	05/20/76	70	6751	5302N	16542W	51.6	139.2	FGGG			82	23

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0146

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2485-14310	00000/0000	2-10019/0452	05/21/76	90	6761	4724N	06630W	54.7	130.7	GGGG			11	27
2485-14312	00000/0000	2-10019/0453	05/21/76	90	6761	4559N	06705W	55.4	128.4	GGGG			11	28
2485-14315	00000/0000	2-10019/0454	05/21/76	40	6761	4434N	06739W	56.0	126.2	GGGG			11	29
2485-14321	00000/0000	2-10019/0455	05/21/76	10	6761	4308N	06811W	56.6	123.8	GGGG			11	30
2485-14324	00000/0000	2-10019/0456	05/21/76	20	6761	4143N	06842W	57.1	121.5	GGGG			11	31
2485-14330	00000/0000	2-10019/0457	05/21/76	50	6761	4017N	06913W	57.5	119.1	GGGG			11	32
2485-16135	00000/0000	2-10018/1327	05/21/76	0	6762	4848N	09146W	54.1	132.8	GGGG			29	26
2485-16141	00000/0000	2-10018/1328	05/21/76	10	6762	4723N	09223W	54.8	130.6	GGGG			29	27
2485-16144	00000/0000	2-10018/1329	05/21/76	30	6762	4558N	09257W	55.4	128.4	GGGG			29	28
2485-16150	00000/0000	2-10018/1330	05/21/76	30	6762	4433N	09331W	56.0	126.1	GGGG			29	29
2485-16153	00000/0000	2-10018/1331	05/21/76	50	6762	4308N	09403W	56.6	123.8	GGGG			29	30
2485-16155	00000/0000	2-10018/1332	05/21/76	10	6762	4142N	09434W	57.1	121.5	GGGG			29	31
2485-16162	00000/0000	2-10018/1333	05/21/76	50	6762	4016N	09503W	57.5	119.0	GGGG			29	32
2485-16164	00000/0000	2-10018/1334	05/21/76	30	6762	3851N	09532W	57.9	116.6	GGGG			29	33
2485-16171	00000/0000	2-10018/1335	05/21/76	40	6762	3726N	09600W	58.3	114.1	GGGG			29	34
2485-16173	00000/0000	2-10018/1336	05/21/76	50	6762	3600N	09627W	58.6	111.5	GGGG			29	35
2485-16180	00000/0000	2-10018/1337	05/21/76	60	6762	3434N	09654W	58.8	109.0	GGGG			29	36
2485-16182	00000/0000	2-10018/1421	05/21/76	40	6762	3308N	09720W	59.0	106.4	G			29	37
2485-16185	00000/0000	2-10018/1422	05/21/76	30	6762	3142N	09745W	59.1	103.8	GGGG			29	38
2485-16191	00000/0000	2-10018/1423	05/21/76	70	6762	3017N	09810W	59.2	101.2	GGGG			29	39
2485-16194	00000/0000	2-10018/1424	05/21/76	70	6762	2851N	09834W	59.1	98.6	GGGG			29	40
2485-16200	00000/0000	2-10018/1425	05/21/76	60	6762	2724N	09857W	59.1	96.0	GGGG			29	41
2485-16203	00000/0000	2-10018/1426	05/21/76	70	6762	2558N	09921W	58.9	93.5	GGGG			29	42
2485-17570	00000/0000	2-10018/1387	05/21/76	30	6763	4848N	11732W	54.1	132.8	GGGG			47	26
2485-17573	00000/0000	2-10018/1388	05/21/76	10	6763	4724N	11809W	54.8	130.6	GGGG			47	27
2485-17575	00000/0000	2-10018/1389	05/21/76	10	6763	4558N	11844W	55.4	128.4	GGGG			47	28
2485-17582	00000/0000	2-10018/1390	05/21/76	10	6763	4433N	11917W	56.0	126.1	GGGG			47	29
2485-17584	00000/0000	2-10018/1391	05/21/76	10	6763	4308N	11949W	56.6	123.8	GGGG			47	30
2485-17591	00000/0000	2-10018/1392	05/21/76	20	6763	4143N	12021W	57.1	121.5	GGGG			47	31
2485-17593	00000/0000	2-10018/1393	05/21/76	30	6763	4017N	12051W	57.5	119.0	GGGG			47	32
2485-18000	00000/0000	2-10018/1394	05/21/76	30	6763	3851N	12120W	57.9	116.6	GGGG			47	33
2485-18002	00000/0000	2-10018/1395	05/21/76	30	6763	3726N	12148W	58.3	114.1	GGGG			47	34
2485-18005	00000/0000	2-10018/1396	05/21/76	90	6763	3600N	12216W	58.6	111.5	GGGG			47	35
2485-18011	00000/0000	2-10018/1397	05/21/76	100	6763	3433N	12243W	58.8	109.0	GGGG			47	36
2485-21170	00000/0000	2-10019/0001	05/21/76	0	6765	7044N	15111W	39.2	166.8	GGGG			83	10
2485-21172	00000/0000	2-10019/0002	05/21/76	10	6765	6926N	15314W	40.3	164.2	GGGG			83	11

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
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FROM 01/22/76 TO 01/22/77

PAGE 0147

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV	MSS MSS DATA MODE	MSS MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2485-21175	00000/0000 2-10019/0003	05/21/76	20	6765	6808N	15504W	41.4	161.7	GGGG			83	12
2485-21184	00000/0000 2-10019/0004	05/21/76	20	6765	6527N	15811W	43.4	157.2	GGGG			83	14
2485-21190	00000/0000 2-10019/0005	05/21/76	10	6765	6406N	15931W	44.5	155.0	GGGG			83	15
2485-21193	00000/0000 2-10019/0006	05/21/76	10	6765	6244N	16045W	45.5	153.0	GGGG			83	16
2485-21195	00000/0000 2-10019/0007	05/21/76	10	6765	6123N	16153W	46.4	151.0	GGGG			83	17
2485-21202	00000/0000 2-10019/0008	05/21/76	10	6765	6000N	16256W	47.4	149.0	GGGG			83	18
2485-21204	00000/0000 2-10019/0009	05/21/76	80	6765	5837N	16354W	48.3	147.0	GGGG			83	19
2485-21211	00000/0000 2-10019/0010	05/21/76	90	6765	5713N	16448W	49.3	145.0	GGGG			83	20
2485-21213	00000/0000 2-10019/0011	05/21/76	90	6765	5549N	16539W	50.1	143.0	GGGG			83	21
2485-21220	00000/0000 2-10019/0012	05/21/76	90	6765	5425N	16626W	51.0	141.0	GGGG			83	22
2485-21222	00000/0000 2-10019/0013	05/21/76	90	6765	5300N	16711W	51.8	139.0	GGGG			83	23
2486-14364	00000/0000 2-10018/1398	05/22/76	100	6775	4723N	06757W	54.9	130.4	FGGG			12	27
2486-14371	00000/0000 2-10018/1399	05/22/76	90	6775	4558N	06832W	55.5	128.2	FGGG			12	28
2486-14373	00000/0000 2-10018/1400	05/22/76	70	6775	4433N	06906W	56.1	125.9	GGGG			12	29
2486-14380	00000/0000 2-10018/1401	05/22/76	20	6775	4317N	06939W	56.7	123.6	GGGG			12	30
2486-14382	00000/0000 2-10018/1402	05/22/76	10	6775	4142N	07009W	57.2	121.2	GGGG			12	31
2486-14385	00000/0000 2-10018/1403	05/22/76	10	6775	4016N	07039W	57.7	118.7	GG G			12	32
2486-14391	00000/0000 2-10018/1404	05/22/76	10	6775	3850N	07109W	58.0	116.3	GGFG			12	33
2486-14394	00000/0000 2-10018/1405	05/22/76	10	6775	3725N	07138W	58.4	113.8	GGGG			12	34
2486-14400	00000/0000 2-10018/1406	05/22/76	30	6775	3559N	07205W	58.7	111.2	GGGG			12	35
2486-16193	00000/0000 2-10019/0014	05/22/76	0	6776	4848N	09310W	54.2	132.6	GGG			30	26
2486-16200	00000/0000 2-10019/0015	05/22/76	0	6776	4722N	09346W	54.9	130.4	GGGG			30	27
2486-16202	00000/0000 2-10019/0016	05/22/76	10	6776	4558N	09421W	55.6	128.2	GGGG			30	28
2486-16205	00000/0000 2-10019/0017	05/22/76	90	6776	4433N	09455W	56.2	125.9	GGGG			30	29
2486-16211	00000/0000 2-10019/0018	05/22/76	100	6776	4308N	09527W	56.7	123.5	GGGG			30	30
2486-16214	00000/0000 2-10019/0019	05/22/76	100	6776	4142N	09557W	57.2	121.2	GGGG			30	31
2486-16220	00000/0000 2-10019/0020	05/22/76	90	6776	4016N	09627W	57.7	118.7	FGGG			30	32
2486-16223	00000/0000 2-10019/0021	05/22/76	80	6776	3851N	09656W	58.1	116.3	GGGG			30	33
2486-16225	00000/0000 2-10019/0022	05/22/76	70	6776	3726N	09725W	58.4	113.7	GGGG			30	34
2486-16232	00000/0000 2-10019/0023	05/22/76	30	6776	3600N	09752W	58.7	111.2	FGFG			30	35
2486-16234	00000/0000 2-10019/0024	05/22/76	10	6776	3433N	09819W	58.9	108.6	GGGG			30	36
2486-16250	00000/0000 2-10018/1407	05/22/76	20	6776	3016N	09935W	59.2	100.8	GGGG			30	39
2486-16252	00000/0000 2-10018/1408	05/22/76	20	6776	2850N	09959W	59.2	98.2	GGGG			30	40
2486-16255	00000/0000 2-10018/1409	05/22/76	10	6776	2724N	10023W	59.1	95.6	GGGG			30	41
2486-16261	00000/0000 2-10018/1410	05/22/76	10	6776	2558N	10046W	59.0	93.1	GGGG			30	42
2486-18025	00000/0000 2-10018/1411	05/22/76	40	6777	4847N	11859W	54.2	132.6	GGGG			48	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0148

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME ROW NUMBER
2486-18031	00000/0000 2-10018/1412	05/22/76	30	6777	4723N	11936W	54.9	130.4	GGGG		48	27
2486-18034	00000/0000 2-10018/1413	05/22/76	40	6777	4558N	12011W	55.6	128.1	GGGG		48	28
2486-18040	00000/0000 2-10018/1414	05/22/76	60	6777	4432N	12044W	56.2	125.9	GGFG		48	29
2486-18043	00000/0000 2-10018/1415	05/22/76	30	6777	4307N	12116W	56.7	123.5	GGFG		48	30
2486-18045	00000/0000 2-10018/1416	05/22/76	10	6777	4141N	12147W	57.2	121.1	GGGG		48	31
2486-18052	00000/0000 2-10018/1417	05/22/76	10	6777	4016N	12217W	57.7	118.7	GGGG		48	32
2486-18054	00000/0000 2-10018/1418	05/22/76	0	6777	3850N	12246W	58.1	116.2	GGGG		48	33
2486-18061	00000/0000 2-10018/1419	05/22/76	10	6777	3725N	12314W	58.4	113.7	GGGG		48	34
2486-18063	00000/0000 2-10018/1420	05/22/76	50	3777	3559N	12342W	58.7	111.2	GGGG		48	35
2487-14422	00000/0000 2-10018/1347	05/23/76	100	6789	4721N	06924W	55.1	130.2	GGFG		13	27
2487-14425	00000/0000 2-10018/1348	05/23/76	90	6789	4556N	06959W	55.7	127.9	GGGF		13	28
2487-14431	00000/0000 2-10018/1349	05/23/76	90	6789	4431N	07033W	56.3	125.6	GGGG		13	29
2487-14434	00000/0000 2-10018/1350	05/23/76	30	6789	4306N	07105W	56.8	123.3	GGGG		13	30
2487-14440	00000/0000 2-10018/1351	05/23/76	10	6789	4140N	07136W	57.3	120.9	GGGG		13	31
2487-14443	00000/0000 2-10018/1352	05/23/76	10	6789	4015N	07206W	57.8	118.4	GGFG		13	32
2487-14445	00000/0000 2-10018/1353	05/23/76	50	6789	3849N	07235W	58.2	115.9	FGGG		13	33
2487-14452	00000/0000 2-10018/1354	05/23/76	100	6789	3724N	07304W	58.5	113.4	GGGF		13	34
2487-14454	00000/0000 2-10018/1355	05/23/76	100	6789	3558N	07331W	58.8	110.9	GGGF		13	35
2487-14461	00000/0000 2-10018/1356	05/23/76	100	6789	3433N	07358W	59.0	108.3	GGGF		13	36
2487-14463	00000/0000 2-10018/1357	05/23/76	100	6789	3307N	07424W	59.1	105.7	GGGF		13	37
2487-14470	00000/0000 2-10018/1358	05/23/76	90	6789	3141N	07449W	59.2	103.1	GGGF		13	38
2487-16251	00000/0000 2-10018/1338	05/23/76	0	6790	4848N	09438W	54.4	132.4	GGFG		31	26
2487-16254	00000/0000 2-10018/1339	05/23/76	0	6790	4723N	09515W	55.1	130.2	GGFG		31	27
2487-16260	00000/0000 2-10018/1340	05/23/76	20	6790	4557N	09550W	55.7	127.9	GGGG		31	28
2487-16263	00000/0000 2-10018/1341	05/23/76	70	6790	4431N	09624W	56.3	125.6	GGFG		31	29
2487-16265	00000/0000 2-10018/1342	05/23/76	90	6790	4306N	09656W	56.8	123.3	FGGF		31	30
2487-16272	00000/0000 2-10018/1343	05/23/76	90	6790	4141N	09727W	57.3	120.9	GGGG		31	31
2487-16274	00000/0000 2-10018/1344	05/23/76	90	6790	4015N	09756W	57.8	118.4	FGFG		31	32
2487-16281	00000/0000 2-10018/1345	05/23/76	90	6790	3850N	09825W	58.2	115.9	GGGG		31	33
2487-16283	00000/0000 2-10018/1346	05/23/76	20	6790	3724N	09853W	58.5	113.4	GGFG		31	34
2487-16292	00000/0000 2-10018/1367	05/23/76	40	6790	3433N	09946W	59.0	108.3	GGGG		31	36
2487-16295	00000/0000 2-10018/1368	05/23/76	30	6790	3307N	10012W	59.1	105.7	GGGG		31	37
2487-16301	00000/0000 2-10018/1369	05/23/76	20	6790	3141N	10038W	59.2	103.0	GGGG		31	38
2487-16304	00000/0000 2-10018/1370	05/23/76	10	6790	3015N	10103W	59.3	100.4	FGGG		31	39
2487-16310	00000/0000 2-10018/1371	05/23/76	10	6790	2850N	10127W	59.2	97.8	GGGG		31	40
2487-16313	00000/0000 2-10018/1372	05/23/76	10	6790	2724N	10150W	59.1	95.2	GGGG		31	41

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0149

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2487-18083	00000/0000 2-10018/1359	05/23/76	90	6791	4847N	12025W	54.4	132.3	GGGG		49	26
2487-18090	00000/0000 2-10018/1360	05/23/76	80	6791	4722N	12102W	55.1	130.1	GGGG		49	27
2487-18092	00000/0000 2-10018/1361	05/23/76	90	6791	4556N	12137W	55.7	127.9	GGGG		49	28
2487-18095	00000/0000 2-10018/1362	05/23/76	90	6791	4431N	12210W	56.3	125.6	GGGG		49	29
2487-18101	00000/0000 2-10018/1363	05/23/76	60	6791	4305N	12242W	56.8	123.2	GGGG		49	30
2487-18104	00000/0000 2-10018/1364	05/23/76	10	6791	4140N	12313W	57.3	120.8	GGGG		49	31
2487-18110	00000/0000 2-10018/1365	05/23/76	10	6791	4015N	12343W	57.8	118.4	GGGG		49	32
2487-18113	00000/0000 2-10018/1366	05/23/76	10	6791	3850N	12412W	58.2	115.9	FFGG		49	33
2487-19465	00000/0000 2-10019/0025	05/23/76	90	6792	6526N	13513W	43.8	157.0	GGGG		67	14
2487-19471	00000/0000 2-10019/0026	05/23/76	90	6792	6404N	13634W	44.8	154.8	GGGG		67	15
2487-19474	00000/0000 2-10019/0027	05/23/76	30	6792	6243N	13747W	45.8	152.8	GGGG		67	16
2487-19480	00000/0000 2-10019/0028	05/23/76	20	6792	6121N	13855W	46.8	150.7	GGGG		67	17
2487-19483	00000/0000 2-10019/0029	05/23/76	90	6792	5958N	13958W	47.8	148.7	GGGG		67	18
2487-19485	00000/0000 2-10019/0030	05/23/76	50	6792	5835N	14057W	48.7	146.7	GGGG		67	19
2487-21282	00000/0000 2-10019/0031	05/23/76	100	6793	7042N	15408W	39.6	166.6	GGGG		85	10
2487-21285	00000/0000 2-10019/0032	05/23/76	30	6793	6925N	15411W	40.7	164.0	GGGG		85	11
2487-21291	00000/0000 2-10019/0033	05/23/76	10	6793	6806N	15500W	41.8	161.5	GFGE		85	12
2487-21294	00000/0000 2-10019/0034	05/23/76	10	6793	6646N	15938W	42.8	159.2	GGFG		85	13
2487-21300	00000/0000 2-10019/0035	05/23/76	10	6793	6525N	16106W	43.8	157.0	GGFG		85	14
2487-21303	00000/0000 2-10019/0036	05/23/76	10	6793	6404N	16226W	44.9	154.8	GGFG		85	15
2487-21305	00000/0000 2-10019/0037	05/23/76	10	6793	6242N	16339W	45.9	152.7	GGGG		85	16
2487-21312	00000/0000 2-10019/0038	05/23/76	20	6793	6120N	16446W	46.8	150.7	GFGE		85	17
2487-21314	00000/0000 2-10019/0039	05/23/76	70	6793	5957N	16548W	47.8	148.7	GGGG		85	18
2487-21321	00000/0000 2-10019/0040	05/23/76	50	6793	5834N	16646W	48.7	146.7	FGGG		85	19
2487-21323	00000/0000 2-10019/0041	05/23/76	90	6793	5711N	16740W	49.6	144.7	GGFG		85	20
2487-21330	00000/0000 2-10019/0042	05/23/76	90	6793	5547N	16831W	50.5	142.7	GGGG		85	21
2487-21332	00000/0000 2-10019/0043	05/23/76	60	6793	5423N	16919W	51.4	140.7	GGGG		85	22
2487-21335	00000/0000 2-10019/0044	05/23/76	90	6793	5259N	17004W	52.2	138.6	GGGG		85	23
2487-21341	00000/0000 2-10019/0045	05/23/76	90	6793	5135N	17046W	53.0	136.6	GGGG		85	24
2488-14481	00000/0000 2-10018/1373	05/24/76	90	6803	4720N	07053W	55.2	129.9	FGGG		14	27
2488-14483	00000/0000 2-10018/1374	05/24/76	90	6803	4555N	07128W	55.8	127.7	FGGG		14	28
2488-14490	00000/0000 2-10018/1375	05/24/76	90	6803	4430N	07201W	56.4	125.3	GFGE		14	29
2488-14492	00000/0000 2-10018/1376	05/24/76	70	6803	4304N	07234W	57.0	123.0	GGGG		14	30
2488-14495	00000/0000 2-10018/1377	05/24/76	20	6803	4139N	07305W	57.4	120.6	GGGG		14	31
2488-14501	00000/0000 2-10018/1378	05/24/76	30	6803	4013N	07335W	57.9	118.1	GGGG		14	32
2488-14504	00000/0000 2-10018/1379	05/24/76	90	6803	3848N	07404W	58.3	115.6	GGGF		14	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

 LANDSAT-2  
 OBSERVATION ID LISTING  
 FOR US

FROM 01/22/76 TO 01/22/77

PAGE 0150

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2488-14510	00000/0000 2-10018/1380	05/24/76	100	6803	3722N	07432W	58.6	113.1	GGGG				
2488-14513	00000/0000 2-10018/1381	05/24/76	100	6803	3557N	07459W	58.9	110.5	GGGG			14	34
2488-14515	00000/0000 2-10018/1382	05/24/76	90	6803	3431N	07525W	59.1	107.9	GGGG			14	35
2488-14522	00000/0000 2-10018/1383	05/24/76	90	6803	3306N	07551W	59.2	105.3	GGGG			14	36
2488-14524	00000/0000 2-10018/1384	05/24/76	40	6803	3140N	07616W	59.3	102.7	GGGG			14	37
2488-14531	00000/0000 2-10018/1385	05/24/76	30	6803	3014N	07641W	59.3	100.1	GGGG			14	38
2488-14533	00000/0000 2-10018/1386	05/24/76	40	6803	2848N	07706W	59.3	97.5	GGGG			14	39
2488-16303	00000/0000 2-10018/1427	05/24/76	10	6804	5009N	09525W	53.8	134.3	GG	H		14	40
2488-16312	00000/0000 2-10018/1428	05/24/76	0	6804	4845N	09603W	54.5	132.1	GGGG			32	25
2488-16315	00000/0000 2-10018/1429	05/24/76	0	6804	4720N	09639W	55.2	129.9	GGGG			32	26
2488-16321	00000/0000 2-10018/1430	05/24/76	10	6804	4556N	09715W	55.8	127.6	GGGG			32	27
2488-16321	00000/0000 2-10018/1431	05/24/76	10	6804	4431N	09748W	56.4	125.3	GGGG			32	28
2488-16330	00000/0000 2-10018/1432	05/24/76	90	6804	4140N	09851W	57.5	120.6	GGGG			32	29
2488-16333	00000/0000 2-10018/1433	05/24/76	100	6804	4015N	09921W	57.9	118.1	GGGG			32	31
2488-16335	00000/0000 2-10018/1235	05/24/76	90	6804	3849N	09950W	58.3	115.6	GGGG			32	32
2488-16342	00000/0000 2-10018/1236	05/24/76	90	6804	3724N	10018W	58.6	113.1	GGGG			32	33
2488-16344	00000/0000 2-10018/1237	05/24/76	60	6804	3559N	10045W	58.9	110.5	GGGG			32	34
2488-16351	00000/0000 2-10018/1238	05/24/76	70	6804	3433N	10112W	59.1	107.9	GGGG			32	35
2488-16353	00000/0000 2-10018/1239	05/24/76	20	6804	3306N	10138W	59.2	105.3	GGGG			32	36
2488-16360	00000/0000 2-10018/1240	05/24/76	30	6804	3140N	10203W	59.3	102.7	GGGG			32	37
2488-16362	00000/0000 2-10018/1241	05/24/76	10	6804	3014N	10228W	59.3	100.1	GGGG			32	38
2488-16365	00000/0000 2-10018/1242	05/24/76	10	6804	2849N	10252W	59.3	97.4	GGGG			32	39
2488-16371	00000/0000 2-10018/1243	05/24/76	10	6804	2723N	10316W	59.2	94.9	GGGG			32	40
2488-18135	00000/0000 2-10019/0046	05/24/76	90	6805	4950N	12125W	54.0	133.8	GGGG			32	41
2488-18142	00000/0000 2-10019/0047	05/24/76	100	6805	4826N	12202W	54.7	131.6	GGGG			50	25
2488-21335	00000/0000 2-10019/0065	05/24/76	100	6807	7142N	15341W	38.9	168.8	GGGG			50	26
2488-21341	00000/0000 2-10019/0066	05/24/76	100	6807	7026N	15556W	40.0	166.0	GGGG			86	9
2488-21344	00000/0000 2-10019/0067	05/24/76	90	6807	6908N	15755W	41.1	163.4	GGGG			86	10
2488-21350	00000/0000 2-10019/0068	05/24/76	60	6807	6749N	15941W	42.2	160.9	GGGG			86	11
2488-21353	00000/0000 2-10019/0069	05/24/76	60	6807	6629N	16117W	43.2	158.6	GGGG			86	12
2488-21355	00000/0000 2-10019/0070	05/24/76	30	6807	6509N	16243W	44.2	156.4	GGGG			86	13
2488-21364	00000/0000 2-10019/0071	05/24/76	0	6807	6225N	16516W	46.2	152.2	GGGG			86	14
2488-21371	00000/0000 2-10019/0072	05/24/76	0	6807	6102N	16624W	47.2	150.2	GGGG			86	16
2488-21373	00000/0000 2-10019/0073	05/24/76	10	6807	5939N	16726W	48.2	148.2	GGGG			86	17
2488-21380	00000/0000 2-10019/0074	05/24/76	40	6807	5816N	16823W	49.1	146.1	GGGG			86	18
2488-21382	00000/0000 2-10019/0075	05/24/76	100	6807	5654N	16915W	50.0	144.1	GGGG			86	19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD, NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0151

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2488-21335	00000/0000	2-10019/0076	05/24/76	90	6807	5530N	17004W	50.8	142.1	GGGG			86	21
2488-21391	00000/0000	2-10019/0077	05/24/76	80	6807	5406N	17051W	51.7	140.1	GGGG			86	22
2488-21394	00000/0000	2-10019/0078	05/24/76	70	6807	5242N	17136W	52.5	138.0	GGGG			86	23
2489-14535	00000/0000	2-10019/0159	05/25/76	80	6817	4724N	07217W	55.3	129.8	GGGG			15	27
2489-14541	00000/0000	2-10019/0160	05/25/76	30	6817	4558N	07251W	55.9	127.5	GGGG			15	28
2489-14544	00000/0000	2-10019/0161	05/25/76	50	6817	4433N	07325W	56.5	125.2	GGGG			15	29
2489-14550	00000/0000	2-10019/0162	05/25/76	90	6817	4307N	07357W	57.1	122.8	GGGG			15	30
2489-14553	00000/0000	2-10019/0163	05/25/76	90	6817	4142N	07429W	57.5	120.4	GGGG			15	31
2489-14555	00000/0000	2-10019/0164	05/25/76	90	6817	4016N	07458W	58.0	117.9	GGGG			15	32
2489-14562	00000/0000	2-10019/0165	05/25/76	40	6817	3850N	07527W	58.4	115.4	GGGG			15	33
2489-14564	00000/0000	2-10019/0166	05/25/76	30	6817	3725N	07555W	58.7	112.8	GGGG			15	34
2489-14571	00000/0000	2-10019/0167	05/25/76	20	6817	3559N	07623W	58.9	110.3	GGGG			15	35
2489-14573	00000/0000	2-10019/0168	05/25/76	90	6817	3433N	07649W	59.1	107.7	GGGG			15	36
2489-14580	00000/0000	2-10019/0169	05/25/76	80	6817	3308N	07715W	59.3	105.0	GGGG			15	37
2489-14582	00000/0000	2-10019/0170	05/25/76	60	6817	3143N	07740W	59.4	102.4	GGGG			15	38
2489-14585	00000/0000	2-10019/0175	05/25/76	50	6817	3018N	07805W	59.4	99.8	GG			15	39
2489-14591	00000/0000	2-10019/0171	05/25/76	50	6817	2852N	07830W	59.3	97.2	GGGG	H		15	40
2489-14594	00000/0000	2-10019/0172	05/25/76	30	6817	2726N	07854W	59.2	94.6	GGGG	H		15	41
2489-15000	00000/0000	2-10019/0173	05/25/76	20	6817	2558N	07917W	59.0	92.1	GGGG	H		15	42
2489-15003	00000/0000	2-10019/0174	05/25/76	10	6817	2431N	07940W	58.8	89.5	GGGG	H		15	43
2489-16362	00000/0000	2-10019/0079	05/25/76	10	6818	5009N	09652W	54.0	134.1	GGGG			33	25
2489-16364	00000/0000	2-10019/0080	05/25/76	10	6818	4845N	09730W	54.7	131.9	GGGG			33	26
2489-16371	00000/0000	2-10019/0081	05/25/76	10	6818	4720N	09807W	55.4	129.7	GGGG			33	27
2489-16373	00000/0000	2-10019/0082	05/25/76	50	6818	4554N	09841W	56.0	127.4	GGGG			33	28
2489-16380	00000/0000	2-10019/0083	05/25/76	70	6818	4428N	09914W	56.6	125.1	GGGG			33	29
2489-16382	00000/0000	2-10019/0084	05/25/76	90	6818	4304N	09946W	57.1	122.7	GGGG			33	30
2489-16385	00000/0000	2-10019/0085	05/25/76	90	6818	4139N	10017W	57.6	120.3	GGFG			33	31
2489-16391	00000/0000	2-10019/0086	05/25/76	90	6818	4014N	10047W	58.0	117.8	GGFF			33	32
2489-16394	00000/0000	2-10019/0087	05/25/76	100	6818	3848N	10116W	58.4	115.3	GGGF			33	33
2489-16400	00000/0000	2-10019/0088	05/25/76	70	6818	3722N	10145W	58.7	112.7	GGGG			33	34
2489-16403	00000/0000	2-10019/0089	05/25/76	80	6818	3557N	10212W	58.9	110.1	GGGG			33	35
2489-16405	00000/0000	2-10019/0090	05/25/76	90	6818	3432N	10239W	59.1	107.5	GGFG			33	36
2489-16412	00000/0000	2-10019/0091	05/25/76	90	6818	3306N	10304W	59.3	104.9	GGGG			33	37
2489-16414	00000/0000	2-10019/0092	05/25/76	90	6818	3140N	10330W	59.4	102.3	GGGG			33	38
2489-16421	00000/0000	2-10019/0093	05/25/76	90	6818	3014N	10354W	59.4	99.7	GGGG			33	39
2489-16423	00000/0000	2-10019/0094	05/25/76	90	6818	2848N	10418W	59.3	97.1	GGGG			33	40

KEYS: CLOUD COVER X ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0152

OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA	MSS IMAGE MODE	MSS GAIN	ORBIT PATH NUMBER	FRAME R&W NUMBER
2489-16430	00000/0000	2-10019/0095	05/25/76	30	6818	2722N	10442W	59.2	94.5	GGGG			33	41
2489-18200	00000/0000	2-10019/0096	05/25/76	70	6819	4848N	12318W	54.7	132.0	GGGG			51	26
2489-18202	00000/0000	2-10019/0097	05/25/76	90	6819	4723N	12356W	55.3	129.7	GGGF			51	27
2489-21392	00000/0000	2-10019/0113	05/25/76	100	6821	7158N	15435W	38.9	169.4	GGGG			87	9
2489-21395	00000/0000	2-10019/0114	05/25/76	100	6821	7042N	15654W	40.0	166.6	GGGG			87	10
2489-21401	00000/0000	2-10019/0115	05/25/76	100	6821	6925N	15857W	41.0	163.9	GGGG			87	11
2489-21404	00000/0000	2-10019/0116	05/25/76	90	6821	6807N	16047W	42.1	161.4	GGGG			87	12
2489-21410	00000/0000	2-10019/0117	05/25/76	90	6821	6648N	16225W	43.1	159.1	GGGG			87	13
2489-21413	00000/0000	2-10019/0118	05/25/76	90	6821	6527N	16355W	44.2	156.8	GGGG			87	14
2489-21415	00000/0000	2-10019/0119	05/25/76	60	6821	6405N	16516W	45.2	154.7	FGGG			87	15
2489-21422	00000/0000	2-10019/0120	05/25/76	90	6821	6243N	16630W	46.2	152.6	GGGG			87	16
2489-21424	00000/0000	2-10019/0121	05/25/76	90	6821	6122N	16737W	47.2	150.5	GGGF			87	17
2489-21431	00000/0000	2-10019/0122	05/25/76	100	6821	5959N	16840W	48.1	148.5	GGGG			87	18
2489-21433	00000/0000	2-10019/0123	05/25/76	70	6821	5836N	16939W	49.0	146.5	GGGG			87	19
2489-21440	00000/0000	2-10019/0124	05/25/76	90	6821	5712N	17033W	49.9	144.5	GGGG			87	20
2489-21442	00000/0000	2-10019/0125	05/25/76	90	6821	5548N	17124W	50.8	142.4	GGGG			87	21
2489-21445	00000/0000	2-10019/0126	05/25/76	90	6821	5424N	17211W	51.7	140.4	GGGG			87	22
2489-21451	00000/0000	2-10019/0127	05/25/76	90	6821	5300N	17256W	52.5	138.3	GGGG			87	23
2489-21454	00000/0000	2-10019/0128	05/25/76	90	6821	5135N	17339W	53.2	136.2	GGGG			87	24
2490-14593	00000/0000	2-10019/0142	05/26/76	70	6831	4722N	07342W	55.5	129.5	GGGG			16	27
2490-15000	00000/0000	2-10019/0143	05/26/76	80	6831	4557N	07416W	56.1	127.2	GGGG			16	28
2490-15002	00000/0000	2-10019/0144	05/26/76	80	6831	4432N	07449W	56.7	124.9	GGGG			16	29
2490-15005	00000/0000	2-10019/0145	05/26/76	90	6831	4306N	07521W	57.2	122.5	FGGG			16	30
2490-15011	00000/0000	2-10019/0146	05/26/76	90	6831	4141N	07553W	57.7	120.1	GGGG			16	31
2490-15014	00000/0000	2-10019/0147	05/26/76	90	6831	4016N	07624W	58.1	117.6	GGGG			16	32
2490-15020	00000/0000	2-10019/0148	05/26/76	90	6831	3850N	07654W	58.4	115.1	GGGG			16	33
2490-15023	00000/0000	2-10019/0149	05/26/76	90	6831	3724N	07722W	58.8	112.5	GGGG			16	34
2490-15025	00000/0000	2-10019/0150	05/26/76	30	6831	3558N	07749W	59.0	109.9	GGGG			16	35
2490-15032	00000/0000	2-10019/0151	05/26/76	10	6831	3432N	07816W	59.2	107.3	GGGG			16	36
2490-15034	00000/0000	2-10019/0152	05/26/76	10	6831	3306N	07842W	59.3	104.7	FGGG			16	37
2490-15041	00000/0000	2-10019/0153	05/26/76	30	6831	3141N	07907W	59.4	102.1	FGGF			16	38
2490-15043	00000/0000	2-10019/0154	05/26/76	10	6831	3015N	07932W	59.4	99.4	GGGG			16	39
2490-15050	00000/0000	2-10019/0158	05/26/76	10	6831	2849N	07956W	59.4	96.8	GG			16	40
2490-15052	00000/0000	2-10019/0155	05/26/76	10	6831	2723N	08020W	59.2	94.2	GGGG	H		16	41
2490-15055	00000/0000	2-10019/0156	05/26/76	40	6831	2557N	08043W	59.1	91.7	GGGG	H		16	42
2490-15061	00000/0000	2-10019/0157	05/26/76	10	6831	2430N	08106W	58.8	89.2	FGGG	H		16	43

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0153

OBSERVATION ID	MICROFILM POSITION IN REEL RBV	REEL NO./ POSITION IN REEL MSS	DATE ACQUIRED	CL COVER	SUN BRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN ELEV. AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2490-16420	00000/0000	2-10019/0176	05/26/76	90	6832	5010N	09820W	54.1 133.9	GGFF		34	25
2490-16422	00000/0000	2-10019/0177	05/26/76	70	6832	4847N	09858W	54.8 131.7	GGFG		34	26
2490-16425	00000/0000	2-10019/0178	05/26/76	30	6832	4723N	09934W	55.5 129.5	GGGG		34	27
2490-16431	00000/0000	2-10019/0179	05/26/76	10	6832	4557N	10009W	56.1 127.2	GGGG		34	28
2490-16434	00000/0000	2-10019/0180	05/26/76	10	6832	4431N	10042W	56.7 124.9	GGGG		34	29
2490-16440	00000/0000	2-10019/0181	05/26/76	20	6832	4305N	10115W	57.2 122.5	GGGG		34	30
2490-16443	00000/0000	2-10019/0182	05/26/76	50	6832	4140N	10146W	57.7 120.1	GGGG		34	31
2490-16445	00000/0000	2-10019/0183	05/26/76	90	6832	4015N	10216W	58.1 117.6	GGFF		34	32
2490-16452	00000/0000	2-10019/0184	05/26/76	90	6832	3850N	10245W	58.5 115.1	GGFF		34	33
2490-16454	00000/0000	2-10019/0185	05/26/76	80	6832	3725N	10313W	58.8 112.5	GGGG		34	34
2490-16461	00000/0000	2-10019/0186	05/26/76	30	6832	3559N	10339W	59.0 109.9	GGGF		34	35
2490-16463	00000/0000	2-10019/0187	05/26/76	20	6832	3434N	10405W	59.2 107.3	FGGG		34	36
2490-16470	00000/0000	2-10019/0188	05/26/76	10	6832	3309N	10431W	59.3 104.7	GGGG		34	37
2490-16472	00000/0000	2-10019/0189	05/26/76	10	6832	3143N	10456W	59.4 102.0	GGGG		34	38
2490-16475	00000/0000	2-10019/0190	05/26/76	0	6832	3016N	10521W	59.4 99.4	GGGG		34	39
2490-16481	00000/0000	2-10019/0191	05/26/76	0	6832	2849N	10546W	59.4 96.8	GGGG		34	40
2490-18254	00000/0000	2-10019/0192	05/26/76	90	6833	4847N	12444W	54.8 131.7	GGGF		52	26
2490-18260	00000/0000	2-10019/0193	05/26/76	90	6833	4722N	12521W	55.5 129.5	GGGG		52	27
2490-18263	00000/0000	2-10019/0194	05/26/76	90	6833	4557N	12556W	56.1 127.2	GGGG		52	28
2490-21451	00000/0000	2-10019/0195	05/26/76	70	6835	7158N	15604W	39.1 169.3	FGGG		88	9
2490-21453	00000/0000	2-10019/0196	05/26/76	60	6835	7042N	15822W	40.1 166.5	FGGG		88	10
2490-21460	00000/0000	2-10019/0197	05/26/76	60	6835	6925N	16025W	41.2 163.8	FGGG		88	11
2490-21462	00000/0000	2-10019/0198	05/26/76	90	6835	6806N	16214W	42.3 161.3	GFGF		88	12
2490-21465	00000/0000	2-10019/0199	05/26/76	70	6835	6646N	16352W	43.3 158.9	GGGG		88	13
2490-21471	00000/0000	2-10019/0200	05/26/76	20	6835	6526N	16521W	44.4 156.7	FGGG		88	14
2490-21474	00000/0000	2-10019/0201	05/26/76	80	6835	6404N	16641W	45.4 154.5	GGGG		88	15
2490-21480	00000/0000	2-10019/0202	05/26/76	90	6835	6242N	16756W	46.4 152.4	GFGG		88	16
2490-21483	00000/0000	2-10019/0203	05/26/76	90	6835	6120N	16904W	47.3 150.4	GFGG		88	17
2490-21485	00000/0000	2-10019/0204	05/26/76	70	6835	5957N	17008W	48.3 148.3	GGGG		88	18
2490-21492	00000/0000	2-10019/0205	05/26/76	90	6835	5833N	17106W	49.2 146.3	GFGG		88	19
2490-21494	00000/0000	2-10019/0206	05/26/76	90	6835	5710N	17200W	50.1 144.3	GGGG		88	20
2490-21501	00000/0000	2-10019/0207	05/26/76	90	6835	5547N	17250W	51.0 142.3	FGFG		88	21
2490-21503	00000/0000	2-10019/0208	05/26/76	90	6835	5423N	17338W	51.8 140.2	GFGF		88	22
2490-21510	00000/0000	2-10019/0209	05/26/76	90	6835	5258N	17424W	52.6 138.1	GGGG		88	23
2490-21512	00000/0000	2-10019/0210	05/26/76	80	6835	5134N	17506W	53.4 136.0	GGGG		88	24
2491-15045	00000/0000	2-10019/0272	05/26/76	10	6845	4845N	07434W	54.9 131.5	FGGG		17	26

KEYS: CLCUD COVER % ..... 0 TO 100 = % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0154

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2491-15051	00000/0000	2-10019/0273	05/27/76	0	6845	4721N 07510W	55.6	129.3	GGGG			17	27
2491-15054	00000/0000	2-10019/0274	05/27/76	10	6845	4556N 07545W	56.2	127.0	GGGG			17	28
2491-15060	00000/0000	2-10019/0275	05/27/76	10	6845	4430N 07619W	56.8	124.6	GGGG			17	29
2491-15063	00000/0000	2-10019/0276	05/27/76	10	6845	4305N 07651W	57.3	122.2	GGGG			17	30
2491-15065	00000/0000	2-10019/0277	05/27/76	10	6845	4140N 07722W	57.8	119.8	GGGG			17	31
2491-15072	00000/0000	2-10019/0278	05/27/76	10	6845	4015N 07752W	58.2	117.3	GGGG			17	32
2491-15074	00000/0000	2-10019/0279	05/27/76	10	6845	3849N 07821W	58.5	114.7	GGGG			17	33
2491-15081	00000/0000	2-10019/0280	05/27/76	40	6845	3723N 07849W	58.8	112.2	GGGG			17	34
2491-15083	00000/0000	2-10019/0281	05/27/76	20	6845	3557N 07916W	59.1	109.6	GGGG			17	35
2491-15090	00000/0000	2-10019/0282	05/27/76	10	6845	3431N 07943W	59.3	107.0	GGGG			17	36
2491-15092	00000/0000	2-10019/0283	05/27/76	40	6845	3306N 08009W	59.4	104.3	GGGG			17	37
2491-15095	00000/0000	2-10019/0284	05/27/76	80	6845	3140N 08033W	59.4	101.7	GGGG			17	38
2491-15101	00000/0000	2-10019/0285	05/27/76	70	6845	3014N 08058W	59.4	99.1	GGGG			17	39
2491-15104	00000/0000	2-10019/0286	05/27/76	40	6845	2848N 08123W	59.4	96.5	GGGG			17	40
2491-15110	00000/0000	2-10019/0287	05/27/76	10	6845	2722N 08146W	59.3	93.9	GGGG			17	41
2491-15113	00000/0000	2-10019/0288	05/27/76	10	6845	2556N 08209W	59.1	91.3	GGGG			17	42
2491-15115	00000/0000	2-10019/0289	05/27/76	10	6845	2430N 08231W	58.8	88.8	GGGG			17	43
2491-16474	00000/0000	2-10019/0211	05/27/76	60	6846	5010N 09945W	54.2	133.7	GGGG			35	25
2491-16481	00000/0000	2-10019/0212	05/27/76	70	6846	4845N 10024W	54.9	131.5	GGGG			35	26
2491-16483	00000/0000	2-10019/0213	05/27/76	70	6846	4720N 10100W	55.6	129.2	GGGG			35	27
2491-16490	00000/0000	2-10019/0214	05/27/76	10	6846	4556N 10135W	56.2	126.9	GGGG			35	28
2491-16492	00000/0000	2-10019/0215	05/27/76	10	6846	4430N 10208W	56.8	124.6	GGGG			35	29
2491-16495	00000/0000	2-10019/0216	05/27/76	10	6846	4305N 10241W	57.3	122.2	GGGG			35	30
2491-16501	00000/0000	2-10019/0217	05/27/76	10	6846	4140N 10312W	57.8	119.8	GGGG			35	31
2491-16504	00000/0000	2-10019/0218	05/27/76	0	6846	4014N 10342W	58.2	117.3	GGGG			35	32
2491-16510	00000/0000	2-10019/0219	05/27/76	10	6846	3849N 10411W	58.5	114.7	GGGG			35	33
2491-16513	00000/0000	2-10019/0220	05/27/76	10	6846	3723N 10438W	58.8	112.2	GGGG			35	34
2491-16515	00000/0000	2-10019/0221	05/27/76	10	6846	3558N 10505W	59.1	109.6	GGGG			35	35
2491-16522	00000/0000	2-10019/0222	05/27/76	0	6846	3431N 10532W	59.3	106.9	GGGG			35	36
2491-16524	00000/0000	2-10019/0223	05/27/76	10	6846	3305N 10558W	59.4	104.3	GGGG			35	37
2491-16531	00000/0000	2-10019/0224	05/27/76	0	6846	3140N 10623W	59.5	101.7	GGGG			35	38
2491-16533	00000/0000	2-10019/0225	05/27/76	0	6846	3014N 10647W	59.4	99.0	GGGG			35	39
2491-16540	00000/0000	2-10019/0226	05/27/76	10	6846	2848N 10712W	59.4	96.4	GGGG			35	40
2491-18312	00000/0000	2-10019/0245	05/27/76	50	6847	4845N 12611W	54.9	131.5	GGGG			53	26
2491-21505	00000/0000	2-10019/0589	05/27/76	100	6849	7157N 15732W	39.2	169.2	GGGG			89	9
2491-21511	00000/0000	2-10019/0590	05/27/76	100	6849	7041N 15950W	40.3	166.3	GGGG			89	10

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0155

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL. RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2491-21514	00000/0000 2-10019/0591	05/27/76	90	6849	6924N 16152W	41.4	163.7	GGGG			89	11
2491-21520	00000/0000 2-10019/0592	05/27/76	70	6849	6805N 16342W	42.5	161.2	GGGG			89	12
2491-21523	00000/0000 2-10019/0593	05/27/76	90	6849	6645N 16520W	43.5	158.8	GGGG			89	13
2491-21525	00000/0000 2-10019/0594	05/27/76	60	6849	6524N 16649W	44.5	156.6	GGGG			89	14
2491-21532	00000/0000 2-10019/0595	05/27/76	60	6849	6402N 16810W	45.5	154.4	GGGG			89	15
2491-21534	00000/0000 2-10019/0596	05/27/76	70	6849	6241N 16923W	46.5	152.3	GGGG			89	16
2491-21541	00000/0000 2-10019/0597	05/27/76	80	6849	6118N 17030W	47.5	150.2	GGGG			89	17
2491-21543	00000/0000 2-10019/0598	05/27/76	80	6849	5956N 17133W	48.4	148.2	GGGG			89	18
2491-21550	00000/0000 2-10019/0599	05/27/76	80	6849	5833N 17230W	49.4	146.1	GGGG			89	19
2491-21552	00000/0000 2-10019/0600	05/27/76	100	6849	5709N 17324W	50.3	144.1	GGGG			89	20
2491-21555	00000/0000 2-10019/0601	05/27/76	100	6849	5546N 17415W	51.1	142.1	GGFF			89	21
2491-21561	00000/0000 2-10019/0602	05/27/76	100	6849	5422N 17502W	52.0	140.0	GGGG			89	22
2491-21564	00000/0000 2-10019/0603	05/27/76	100	6849	5258N 17546W	52.8	137.9	GGGG			89	23
2491-21570	00000/0000 2-10019/0604	05/27/76	100	6849	5134N 17629W	53.5	135.8	GGGG			89	24
2492-15103	00000/0000 2-10019/0227	05/28/76	10	6859	4844N 07600W	55.1	131.3	GGGG			18	26
2492-15110	00000/0000 2-10019/0228	05/28/76	10	6859	4719N 07636W	55.7	129.0	GGGF			18	27
2492-15112	00000/0000 2-10019/0229	05/28/76	10	6859	4554N 07711W	56.3	126.7	GGGG			18	28
2492-15115	00000/0000 2-10019/0230	05/28/76	10	6859	4429N 07744W	56.9	124.3	GGGG			18	29
2492-15121	00000/0000 2-10019/0231	05/28/76	10	6859	4304N 07817W	57.4	121.9	GGGG			18	30
2492-15124	00000/0000 2-10019/0232	05/28/76	20	6859	4138N 07848W	57.9	119.5	GGGG			18	31
2492-15130	00000/0000 2-10019/0233	05/28/76	20	6859	4013N 07918W	58.3	117.0	GGGG			18	32
2492-15133	00000/0000 2-10019/0234	05/28/76	50	6859	3847N 07947W	58.6	114.4	GGGG			18	33
2492-15135	00000/0000 2-10019/0235	05/28/76	70	6859	3722N 08015W	58.9	111.9	GGGG			18	34
2492-15142	00000/0000 2-10019/0236	05/28/76	90	6859	3556N 08042W	59.1	109.2	GGGG			18	35
2492-15144	00000/0000 2-10019/0237	05/28/76	90	6859	3431N 08109W	59.3	106.6	GGGG			18	36
2492-15151	00000/0000 2-10019/0238	05/28/76	90	6859	3306N 08134W	59.4	104.0	GGGG			18	37
2492-15153	00000/0000 2-10019/0239	05/28/76	90	6859	3140N 08200W	59.5	101.3	GGGG			18	38
2492-15160	00000/0000 2-10019/0240	05/28/76	90	6859	3014N 08225W	59.5	98.7	GGGG			18	39
2492-15162	00000/0000 2-10019/0241	05/28/76	100	6859	2848N 08249W	59.4	96.1	GGGG			18	40
2492-15165	00000/0000 2-10019/0242	05/28/76	100	6859	2722N 08312W	59.3	93.5	GGGG			18	41
2492-15171	00000/0000 2-10019/0243	05/28/76	90	6859	2555N 08335W	59.1	91.0	GGGG			18	42
2492-15174	00000/0000 2-10019/0244	05/28/76	10	6859	2429N 08358W	58.8	88.5	GGFF			18	43
2492-16532	00000/0000 2-10019/0257	05/28/76	10	6860	5009N 10111W	54.4	133.5	GGGG			36	25
2492-16535	00000/0000 2-10019/0258	05/28/76	10	6860	4845N 10149W	55.1	131.3	GGGG			36	26
2492-16541	00000/0000 2-10019/0259	05/28/76	10	6860	4720N 10225W	55.7	129.0	GGGF			36	27
2492-16544	00000/0000 2-10019/0260	05/28/76	0	6860	4555N 10301W	56.3	126.7	GGGG			36	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0154

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2492-16550	00000/0000	2-10019/0261	05/28/76	10	6860	4430N	10334W	36.9	124.3	GGGG			36	29
2492-16553	00000/0000	2-10019/0262	05/28/76	0	6860	4305N	10406W	57.4	121.9	GGGF			36	30
2492-16555	00000/0000	2-10019/0263	05/28/76	10	6860	4140N	10437W	57.9	119.5	GGGF			36	31
2492-16562	00000/0000	2-10019/0264	05/28/76	10	6860	4014N	10508W	58.3	117.0	GGGG			36	32
2492-16564	00000/0000	2-10019/0265	05/28/76	20	6860	3849N	10536W	58.6	114.4	GGGG			36	33
2492-16571	00000/0000	2-10019/0266	05/28/76	20	6860	3723N	10604W	58.9	111.8	GGGG			36	34
2492-16573	00000/0000	2-10019/0267	05/28/76	10	6860	3558N	10632W	59.2	109.2	GGGG			36	35
2492-16580	00000/0000	2-10019/0268	05/28/76	10	6860	3432N	10659W	59.3	106.6	GGGF			36	36
2492-16582	00000/0000	2-10019/0269	05/28/76	10	6860	3306N	10724W	59.4	104.0	GGFG			36	37
2492-16585	00000/0000	2-10019/0270	05/28/76	0	6860	3141N	10750W	59.5	101.3	GGGF			36	38
2492-16591	00000/0000	2-10019/0271	05/28/76	0	6860	3015N	10814W	59.5	98.7	GGGP			36	39
2492-20141	00000/0000	2-10019/0290	05/28/76	90	6862	6923N	13727W	41.6	163.6	GGGG			72	11
2492-20143	00000/0000	2-10019/0291	05/28/76	50	6862	6805N	13916W	42.6	161.1	GGFG			72	12
2492-20150	00000/0000	2-10019/0292	05/28/76	90	6862	6645N	14054W	43.7	158.7	GGGG			72	13
2492-20152	00000/0000	2-10019/0293	05/28/76	90	6862	6524N	14224W	44.7	156.5	GGGG			72	14
2492-20155	00000/0000	2-10019/0294	05/28/76	40	6862	6403N	14345W	45.7	154.3	GGGF			72	15
2492-20161	00000/0000	2-10019/0295	05/28/76	40	6862	6241N	14459W	46.7	152.2	FGGG			72	16
2492-20164	00000/0000	2-10019/0296	05/28/76	60	6862	6119N	14606W	47.6	150.1	GGGG			72	17
2492-20170	00000/0000	2-10019/0297	05/28/76	50	6862	5957N	14709W	48.6	148.0	FGGG			72	18
2492-20173	00000/0000	2-10019/0298	05/28/76	20	6862	5834N	14807W	49.5	146.0	GGFG			72	19
2492-20175	00000/0000	2-10019/0299	05/28/76	70	6862	5710N	14902W	50.4	144.0	GGFG			72	20
2492-21563	00000/0000	2-10019/0300	05/28/76	30	6863	7200N	15852W	39.4	169.2	GGGF			90	9
2492-21570	00000/0000	2-10019/0301	05/28/76	70	6863	7044N	16109W	40.5	166.3	GGGG			90	10
2492-21572	00000/0000	2-10019/0302	05/28/76	60	6863	6926N	16312W	41.5	163.7	GGGG			90	11
2492-21575	00000/0000	2-10019/0303	05/28/76	40	6863	6807N	16502W	42.6	161.2	GGGG			90	12
2492-21581	00000/0000	2-10019/0304	05/28/76	100	6863	6648N	16641W	43.6	158.8	GGGG			90	13
2492-21584	00000/0000	2-10019/0305	05/28/76	90	6863	6527N	16811W	44.7	156.5	GGFG			90	14
2492-21590	00000/0000	2-10019/0306	05/28/76	70	6863	6406N	16934W	45.7	154.4	FFGF			90	15
2492-21593	00000/0000	2-10019/0307	05/28/76	100	6863	6244N	17049W	46.7	152.2	GGFF			90	16
2492-21595	00000/0000	2-10019/0308	05/28/76	90	6863	6122N	17157W	47.6	150.2	GGFG			90	17
2492-22002	00000/0000	2-10019/0309	05/28/76	90	6863	6000N	17259W	48.6	148.1	GGGG			90	18
2492-22004	00000/0000	2-10019/0310	05/28/76	100	6863	5837N	17357W	49.5	146.1	FGGG			90	19
2492-22011	00000/0000	2-10019/0311	05/28/76	100	6863	5714N	17450W	50.4	144.0	GGGG			90	20
2492-22013	00000/0000	2-10019/0312	05/28/76	100	6863	5550N	17541W	51.2	142.0	GGGG			90	21
2492-22020	00000/0000	2-10019/0313	05/28/76	100	6863	5425N	17629W	52.1	139.9	GGGG			90	22
2492-22022	00000/0000	2-10019/0314	05/28/76	100	6863	5301N	17714W	52.9	137.8	GGGG			90	23

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD; NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0157

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA	MSS MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2492-22025	00000/0000	2-10019/0315	05/28/76	90	6863	5137N	17756W	53.6	135.7	GGGG			90	24
2493-15162	00000/0000	2-10019/0316	05/29/76	10	6873	4844N	07727W	55.2	131.0	GGFG			19	26
2493-15164	00000/0000	2-10019/0317	05/29/76	40	6873	4719N	07803W	55.8	128.8	GGGF			19	27
2493-15171	00000/0000	2-10019/0318	05/29/76	40	6873	4553N	07837W	56.4	126.4	FGGG			19	28
2493-15173	00000/0000	2-10019/0319	05/29/76	30	6873	4428N	07911W	57.0	124.1	GGGG			19	29
2493-15180	00000/0000	2-10019/0320	05/29/76	40	6873	4303N	07943W	57.5	121.7	GGGG			19	30
2493-15182	00000/0000	2-10019/0321	05/29/76	80	6873	4138N	08014W	57.9	119.2	GGFF			19	31
2493-15185	00000/0000	2-10019/0322	05/29/76	90	6873	4013N	08044W	58.3	116.7	GFGG			19	32
2493-15191	00000/0000	2-10019/0323	05/29/76	70	6873	3847N	08113W	58.7	114.1	GGGG			19	33
2493-15194	00000/0000	2-10019/0324	05/29/76	40	6873	3721N	08141W	59.0	111.5	GGGG			19	34
2493-15200	00000/0000	2-10019/0325	05/29/76	80	6873	3556N	08208W	59.2	108.9	GGGG			19	35
2493-15203	00000/0000	2-10019/0326	05/29/76	80	6873	3430N	08234W	59.4	106.3	GFGG			19	36
2493-15205	00000/0000	2-10019/0327	05/29/76	60	6873	3305N	08301W	59.5	103.6	GGGG			19	37
2493-15212	00000/0000	2-10019/0328	05/29/76	20	6873	3140N	08326W	59.5	101.0	GGGG			19	38
2493-15214	00000/0000	2-10019/0329	05/29/76	20	6873	3013N	08351W	59.5	98.4	GFGG			19	39
2493-15221	00000/0000	2-10019/0330	05/29/76	10	6873	2848N	08415W	59.4	95.8	GGGG			19	40
2493-15223	00000/0000	2-10019/0331	05/29/76	20	6873	2721N	08438W	59.3	93.2	GGFG			19	41
2493-15591	00000/0000	2-10019/0332	05/29/76	10	6874	5009N	10238W	54.5	133.2	GGGG			37	25
2493-15593	00000/0000	2-10019/0333	05/29/76	10	6874	4844N	10316W	55.2	131.0	GGGG			37	26
2493-17000	00000/0000	2-10019/0334	05/29/76	10	6874	4719N	10352W	55.8	128.8	GGGG			37	27
2493-17002	00000/0000	2-10019/0335	05/29/76	30	6874	4554N	10427W	56.4	126.4	GGGG			37	28
2493-17005	00000/0000	2-10019/0336	05/29/76	20	6874	4429N	10500W	57.0	124.1	GGGG			37	29
2493-17011	00000/0000	2-10019/0337	05/29/76	20	6874	4304N	10532W	57.5	121.6	GGGG			37	30
2493-17014	00000/0000	2-10019/0338	05/29/76	10	6874	4138N	10603W	58.0	119.2	GGGG			37	31
2493-17020	00000/0000	2-10019/0339	05/29/76	20	6874	4014N	10634W	58.4	116.7	GGGG			37	32
2493-17023	00000/0000	2-10019/0340	05/29/76	10	6874	3848N	10703W	58.7	114.1	GGGG			37	33
2493-17025	00000/0000	2-10019/0341	05/29/76	10	6874	3722N	10731W	59.0	111.5	GGGG			37	34
2493-17032	00000/0000	2-10019/0342	05/29/76	0	6874	3556N	10758W	59.2	108.9	GGGG			37	35
2493-17034	00000/0000	2-10019/0343	05/29/76	0	6874	3431N	10824W	59.4	106.3	GGGG			37	36
2493-17041	00000/0000	2-10019/0344	05/29/76	0	6874	3305N	10850W	59.5	103.6	GGGF			37	37
2493-17043	00000/0000	2-10019/0345	05/29/76	0	6874	3139N	10915W	59.5	101.0	GGGG			37	38
2493-20201	00000/0000	2-10019/0048	05/29/76	90	6876	6806N	14042W	42.7	161.1	GGGG			73	12
2493-20204	00000/0000	2-10019/0049	05/29/76	90	6876	6647N	14220W	43.8	158.7	GGGG			73	13
2493-20210	00000/0000	2-10019/0050	05/29/76	90	6876	6526N	14348W	44.8	156.4	GGGG			73	14
2493-20213	00000/0000	2-10019/0051	05/29/76	80	6876	6406N	14509W	45.8	154.2	GGGG			73	15
2493-20215	00000/0000	2-10019/0052	05/29/76	40	6876	6244N	14622W	46.8	152.1	GGGG			73	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0158

OBSERVATION ID	MICROFILM RELI NO./ POSITION IN RELI RBV MSS	DATE ACQUIRED	CLBUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2493-20222	00000/0000 2-10019/0053	05/29/76	20	6876	6121N 14730W	47.8	150.0	GGGG			73	17
2493-20224	00000/0000 2-10019/0054	05/29/76	20	6876	5958N 14833W	48.7	148.0	GGGG			73	18
2493-20231	00000/0000 2-10019/0055	05/29/76	40	6876	5835N 14932W	49.6	145.9	GGGG			73	19
2493-20233	00000/0000 2-10019/0056	05/29/76	70	6876	5712N 15026W	50.5	143.9	GGGG			73	20
2493-22021	00000/0000 2-10019/0057	05/29/76	90	6877	7159N 16023W	39.5	169.1	GGGG			91	9
2493-22024	00000/0000 2-10019/0058	05/29/76	90	6877	7043N 16242W	40.6	166.2	GGGG			91	10
2493-22030	00000/0000 2-10019/0059	05/29/76	60	6877	6925N 16445W	41.7	163.5	GGGG			91	11
2493-22033	00000/0000 2-10019/0060	05/29/76	80	6877	6806N 16634W	42.8	161.0	GGGG			91	12
2493-22035	00000/0000 2-10019/0061	05/29/76	70	6877	6645N 16813W	43.8	158.7	GGGG			91	13
2493-22042	00000/0000 2-10019/0062	05/29/76	40	6877	6521N 16943W	44.8	156.4	GGGG			91	14
2493-22044	00000/0000 2-10019/0063	05/29/76	70	6877	6403N 17103W	45.8	154.2	GGGG			91	15
2493-22083	00000/0000 2-10019/0064	05/29/76	90	6877	5136N 17922W	53.8	135.5	GGGG			91	24
2494-15220	00000/0000 2-10019/0360	05/30/76	10	6887	4846N 07852W	55.3	130.9	GGGG			20	26
2494-15222	00000/0000 2-10019/0361	05/30/76	10	6887	4721N 07928W	55.9	128.6	GGGG			20	27
2494-15225	00000/0000 2-10019/0362	05/30/76	20	6887	4556N 08003W	56.5	126.3	GGGG			20	28
2494-15231	00000/0000 2-10019/0363	05/30/76	70	6887	4430N 08036W	57.1	123.9	GGGG			20	29
2494-15234	00000/0000 2-10019/0364	05/30/76	70	6887	4305N 08107W	57.6	121.5	GGGG			20	30
2494-15240	00000/0000 2-10019/0365	05/30/76	30	6887	4140N 08139W	58.0	119.0	GGGG			20	31
2494-15243	00000/0000 2-10019/0366	05/30/76	40	6887	4014N 08209W	58.4	116.5	GGGG			20	32
2494-15245	00000/0000 2-10019/0367	05/30/76	60	6887	3849N 08238W	58.7	113.9	GGGG			20	33
2494-15252	00000/0000 2-10019/0368	05/30/76	50	6887	3723N 08306W	59.0	111.3	GGGG			20	34
2494-15254	00000/0000 2-10019/0369	05/30/76	50	6887	3559N 08334W	59.3	108.7	GGGG			20	35
2494-15261	00000/0000 2-10019/0370	05/30/76	40	6887	3433N 08400W	59.4	106.1	GGGG			20	36
2494-15270	00000/0000 2-10019/0371	05/30/76	30	6887	3141N 08451W	59.6	100.8	GGGG			20	38
2494-15272	00000/0000 2-10019/0372	05/30/76	20	6887	3015N 08516W	59.5	98.1	GGGG			20	39
2494-15275	00000/0000 2-10019/0373	05/30/76	10	6887	2849N 08540W	59.4	95.5	GGGG			20	40
2494-15281	00000/0000 2-10019/0374	05/30/76	10	6887	2724N 08604W	59.3	92.9	GGGG			20	41
2494-17051	00000/0000 2-10019/0346	05/30/76	10	6888	4846N 10442W	55.3	130.9	GGGG			38	26
2494-17054	00000/0000 2-10019/0347	05/30/76	20	6888	4721N 10518W	55.9	128.6	GGGG			38	27
2494-17060	00000/0000 2-10019/0348	05/30/76	60	6888	4556N 10552W	56.5	126.3	GGGG			38	28
2494-17063	00000/0000 2-10019/0349	05/30/76	30	6888	4431N 10626W	57.1	123.9	GGGG			38	29
2494-17065	00000/0000 2-10019/0350	05/30/76	10	6888	4306N 10658W	57.6	121.5	GGGG			38	30
2494-17072	00000/0000 2-10019/0351	05/30/76	10	6888	4141N 10729W	58.0	119.0	GGGG			38	31
2494-17074	00000/0000 2-10019/0352	05/30/76	10	6888	4015N 10759W	58.4	116.5	GGGG			38	32
2494-17081	00000/0000 2-10019/0353	05/30/76	30	6888	3850N 10828W	58.8	113.9	GGGG			38	33
2494-17083	00000/0000 2-10019/0354	05/30/76	30	6888	3725N 10856W	59.0	111.3	GGGG			38	34

KEYS: CLBUD COVER % ..... 0 TO 100 = % CLBUD COVER.  
 IMAGE QUALITY ..... BLANKS, SAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0159

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SRBIT PATH NUMBER	FRAME ROW NUMBER
2494-17090	00000/0000	2-10019/0355	05/30/76	30	6888	3558N	10923W	59.3	108.7	GGGG			38	35
2494-17092	00000/0000	2-10019/0356	05/30/76	10	6888	3433N	10950W	59.4	106.0	GGGF			38	36
2494-17095	00000/0000	2-10019/0357	05/30/76	10	6888	3307N	11017W	59.5	103.4	GGGF			38	37
2494-17101	00000/0000	2-10019/0358	05/30/76	0	6888	3141N	11042W	59.6	100.8	GGGF			38	38
2494-17104	00000/0000	2-10019/0359	05/30/76	0	6888	3015N	11106W	59.5	98.1	GGGF			38	39
2494-20253	00000/0000	2-10019/0391	05/30/76	40	6890	6924N	14019W	41.8	163.4	GGGG			74	11
2494-20260	00000/0000	2-10019/0392	05/30/76	80	6890	6805N	14208W	42.9	160.9	GGGG			74	12
2494-20262	00000/0000	2-10019/0393	05/30/76	70	6890	6646N	14346W	43.9	158.6	GGGG			74	13
2494-20265	00000/0000	2-10019/0394	05/30/76	70	6890	6525N	14515W	45.0	156.3	GGGG			74	14
2494-20271	00000/0000	2-10019/0395	05/30/76	70	6890	6404N	14636W	46.0	154.1	GGGG			74	15
2494-20274	00000/0000	2-10019/0396	05/30/76	70	6890	6243N	14750W	46.9	152.0	GGGG			74	16
2494-20280	00000/0000	2-10019/0397	05/30/76	20	6890	6120N	14858W	47.9	149.9	GGGG			74	17
2494-20283	00000/0000	2-10019/0398	05/30/76	10	6890	5957N	15000W	48.8	147.8	GGGG			74	18
2494-20285	00000/0000	2-10019/0399	05/30/76	10	6890	5833N	15058W	49.8	145.8	GGGG			74	19
2494-20292	00000/0000	2-10019/0400	05/30/76	10	6890	5710N	15153W	50.6	143.7	GGFG			74	20
2494-20294	00000/0000	2-10019/0401	05/30/76	50	6890	5547N	15243W	51.5	141.6	GGGG			74	21
2494-22082	00000/0000	2-10019/0402	05/30/76	100	6891	7041N	16410W	40.8	166.1	GGGG			92	10
2494-22085	00000/0000	2-10019/0403	05/30/76	90	6891	6924N	16612W	41.9	163.4	GGGG			92	11
2494-22091	00000/0000	2-10019/0404	05/30/76	100	6891	6805N	16802W	42.9	160.9	GGGG			92	12
2494-22094	00000/0000	2-10019/0405	05/30/76	100	6891	6645N	16940W	44.0	158.5	GGGG			92	13
2494-22100	00000/0000	2-10019/0406	05/30/76	80	6891	6524N	17110W	45.0	156.3	GGGG			92	14
2495-15274	00000/0000	2-10019/0375	05/31/76	40	6901	4845N	08017W	55.4	130.7	GGGG			21	26
2495-15281	00000/0000	2-10019/0376	05/31/76	50	6901	4720N	08054W	56.0	128.4	GGGF			21	27
2495-15283	00000/0000	2-10019/0377	05/31/76	90	6901	4555N	08129W	56.6	126.0	GGGG			21	28
2495-15290	00000/0000	2-10019/0378	05/31/76	90	6901	4430N	08202W	57.2	123.6	GGGG			21	29
2495-15292	00000/0000	2-10019/0379	05/31/76	90	6901	4305N	08234W	57.6	121.2	GGGG			21	30
2495-15295	00000/0000	2-10019/0380	05/31/76	90	6901	4140N	08305W	58.1	118.7	GGGG			21	31
2495-15301	00000/0000	2-10019/0381	05/31/76	90	6901	4014N	08335W	58.5	116.2	GGGG			21	32
2495-15304	00000/0000	2-10019/0382	05/31/76	70	6901	3848N	08404W	58.8	113.6	GGGG			21	33
2495-15310	00000/0000	2-10019/0383	05/31/76	80	6901	3723N	08432W	59.1	111.0	GGGG			21	34
2495-15313	00000/0000	2-10019/0384	05/31/76	30	6901	3558N	08459W	59.3	108.4	GGGG			21	35
2495-15315	00000/0000	2-10019/0385	05/31/76	10	6901	3432N	08526W	59.5	105.8	GGGG			21	36
2495-15322	00000/0000	2-10019/0386	05/31/76	20	6901	3306N	08552W	59.5	103.1	GGFG			21	37
2495-15324	00000/0000	2-10019/0387	05/31/76	50	6901	3141N	08617W	59.6	100.5	GGGG			21	38
2495-15331	00000/0000	2-10019/0388	05/31/76	30	6901	3015N	08642W	59.5	97.8	GGGG			21	39
2495-15333	00000/0000	2-10019/0389	05/31/76	10	6901	2849N	08707W	59.4	95.2	GGFG			21	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0160

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2495-15340	00000/0000 2-10019/0390	05/31/76	10	6901	2722N	08730W	59.3	92.6	GGGG			21	41
2495-17103	00000/0000 2-10019/0407	05/31/76	10	6902	5010N	10528W	54.7	132.9	GFGG			39	25
2495-17110	00000/0000 2-10019/0408	05/31/76	20	6902	4845N	10606W	55.4	130.7	GGGG			39	26
2495-17112	00000/0000 2-10019/0409	05/31/76	60	6902	4720N	10643W	56.0	128.4	FGGG			39	27
2495-17115	00000/0000 2-10019/0410	05/31/76	70	6902	4556N	10718W	56.6	126.0	FGGG			39	28
2495-17121	00000/0000 2-10019/0411	05/31/76	50	6902	4431N	10751W	57.2	123.6	FGFG			39	29
2495-17124	00000/0000 2-10019/0412	05/31/76	50	6902	4305N	10823W	57.7	121.2	FGGG			39	30
2495-17130	00000/0000 2-10019/0413	05/31/76	10	6902	4139N	10854W	58.1	118.7	FGGG			39	31
2495-17133	00000/0000 2-10019/0414	05/31/76	10	6902	4014N	10924W	58.5	116.2	GGGG			39	32
2495-17135	00000/0000 2-10019/0415	05/31/76	10	6902	3849N	10953W	58.8	113.6	FGFG			39	33
2495-17142	00000/0000 2-10019/0416	05/31/76	10	6902	3724N	11021W	59.1	111.0	GGGF			39	34
2495-17144	00000/0000 2-10019/0417	05/31/76	10	6902	3558N	11049W	59.3	108.4	GGGG			39	35
2495-17151	00000/0000 2-10019/0418	05/31/76	10	6902	3432N	11116W	59.5	105.7	GGGG			39	36
2495-17153	00000/0000 2-10019/0419	05/31/76	0	6902	3307N	11142W	59.6	103.1	GGFG			39	37
2495-17160	00000/0000 2-10019/0420	05/31/76	0	6902	3140N	11207W	59.6	100.4	GGGG			39	38
2495-17162	00000/0000 2-10019/0421	05/31/76	0	6902	3014N	11232W	59.5	97.8	GGGG			39	39
2495-20305	00000/0000 2-10019/0422	05/31/76	10	6904	7040N	13949W	40.9	166.0	GGGG			75	10
2495-20311	00000/0000 2-10019/0423	05/31/76	10	6904	6922N	14151W	42.0	163.3	GGGG			75	11
2495-20314	00000/0000 2-10019/0424	05/31/76	70	6904	6804N	14341W	43.0	160.8	GGGG			75	12
2495-20320	00000/0000 2-10019/0425	05/31/76	30	6904	6644N	14515W	44.1	158.4	GGFG			75	13
2495-20323	00000/0000 2-10019/0426	05/31/76	40	6904	6523N	14647W	45.1	156.2	GGGG			75	14
2495-20325	00000/0000 2-10019/0427	05/31/76	10	6904	6402N	14808W	46.1	154.0	GFGG			75	15
2495-20332	00000/0000 2-10019/0428	05/31/76	20	6904	6241N	14922W	47.1	151.8	GGGG			75	16
2495-20334	00000/0000 2-10019/0429	05/31/76	10	6904	6118N	15029W	48.0	149.7	FGGG			75	17
2495-20341	00000/0000 2-10019/0430	05/31/76	10	6904	5956N	15131W	49.0	147.7	FGGG			75	18
2495-20343	00000/0000 2-10019/0431	05/31/76	10	6904	5833N	15228W	49.9	145.6	FFGG			75	19
2495-20350	00000/0000 2-10019/0432	05/31/76	10	6904	5710N	15321W	50.8	143.5	FGGF			75	20
2495-20352	00000/0000 2-10019/0433	05/31/76	10	6904	5547N	15411W	51.6	141.5	FGGG			75	21
2495-22143	00000/0000 2-10019/0434	05/31/76	100	6905	6922N	16738W	42.0	163.3	GGGF			93	11
2495-22145	00000/0000 2-10019/0435	05/31/76	100	6905	6803N	16926W	43.1	160.8	GGGG			93	12
2495-22152	00000/0000 2-10019/0436	05/31/76	100	6905	6643N	17103W	44.1	158.4	GGGG			93	13
2495-22193	00000/0000 2-10019/0437	05/31/76	90	6905	5257N	17827E	53.3	137.2	GGGG			93	23
2496-15332	00000/0000 2-10019/0470	06/01/76	0	6915	4844N	08145W	55.5	130.4	FGGG			22	26
2496-15335	00000/0000 2-10019/0471	06/01/76	0	6915	4720N	08222W	56.1	128.1	GFGG			22	27
2496-15341	00000/0000 2-10019/0472	06/01/76	0	6915	4555N	08257W	56.7	125.8	GGGG			22	28
2496-15344	00000/0000 2-10019/0473	06/01/76	10	6915	4429N	08329W	57.2	123.4	FFGG			22	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0161

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLDUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2496-15350	00000/0000	2-10019/0474	06/01/76	40	6915	4303N	08401W	57.7 120.9	GGGG	22	30
2496-15353	00000/0000	2-10019/0475	06/01/76	90	6915	4138N	08432W	58.2 118.4	GGGG	22	31
2496-15355	00000/0000	2-10019/0476	06/01/76	90	6915	4013N	08502W	58.5 115.9	GGGG	22	32
2496-15362	00000/0000	2-10019/0477	06/01/76	80	6915	3847N	08531W	58.9 113.3	GGGG	22	33
2496-15364	00000/0000	2-10019/0478	06/01/76	70	6915	3721N	08559W	59.1 110.7	FGGG	22	34
2496-15371	00000/0000	2-10019/0479	06/01/76	50	6915	3546N	08626W	59.3 108.1	GGGG	22	35
2496-15373	00000/0000	2-10019/0480	06/01/76	40	6915	3430N	08653W	59.5 105.4	GGGG	22	36
2496-15380	00000/0000	2-10019/0481	06/01/76	70	6915	3305N	08719W	59.6 102.8	GGGG	22	37
2496-15382	00000/0000	2-10019/0482	06/01/76	60	6915	3140N	08744W	59.6 100.1	GGGG	22	38
2496-15385	00000/0000	2-10019/0483	06/01/76	40	6915	3014N	08809W	59.6 97.5	GGGG	22	39
2496-15391	00000/0000	2-10019/0484	06/01/76	30	6915	2848N	08833W	59.5 94.9	FGGG	22	40
2496-17161	00000/0000	2-10019/0438	06/01/76	10	6916	5009N	10655W	54.8 132.7	GGGG	40	25
2496-17164	00000/0000	2-10019/0439	06/01/76	10	6916	4845N	10733W	55.5 130.4	GGGG	40	26
2496-17170	00000/0000	2-10019/0440	06/01/76	10	6916	4720N	10810W	56.1 128.1	GGGG	40	27
2496-17173	00000/0000	2-10019/0441	06/01/76	20	6916	4555N	10845W	56.7 125.8	GGGG	40	28
2496-17175	00000/0000	2-10019/0442	06/01/76	50	6916	4430N	10918W	57.2 123.4	GGGG	40	29
2496-17182	00000/0000	2-10019/0443	06/01/76	30	6916	4305N	10951W	57.7 120.9	GGGG	40	30
2496-17184	00000/0000	2-10019/0444	06/01/76	10	6916	4139N	11022W	58.2 118.4	GGGG	40	31
2496-17191	00000/0000	2-10019/0445	06/01/76	10	6916	4014N	11052W	58.5 115.9	FGGG	40	32
2496-17193	00000/0000	2-10019/0446	06/01/76	10	6916	3848N	11120W	58.9 113.3	GGFG	40	33
2496-17200	00000/0000	2-10019/0447	06/01/76	0	6916	3722N	11148W	59.1 110.7	GGGF	40	34
2496-17202	00000/0000	2-10019/0448	06/01/76	0	6916	3556N	11215W	59.3 108.1	GGGG	40	35
2496-17205	00000/0000	2-10019/0449	06/01/76	0	6916	3431N	11242W	59.5 105.4	GGGG	40	36
2496-17211	00000/0000	2-10019/0450	06/01/76	0	6916	3306N	11308W	59.6 102.8	GGGG	40	37
2496-17214	00000/0000	2-10019/0451	06/01/76	0	6916	3140N	11333W	59.6 100.1	GGGG	40	38
2496-20363	00000/0000	2-10019/0458	06/01/76	20	6918	7039N	14115W	41.1 165.9	GGGG	76	10
2496-20370	00000/0000	2-10019/0459	06/01/76	10	6918	6921N	14316W	42.1 163.2	GGGG	76	11
2496-20372	00000/0000	2-10019/0460	06/01/76	30	6918	6803N	14505W	43.2 160.7	GGGF	76	12
2496-20375	00000/0000	2-10019/0461	06/01/76	30	6918	6643N	14642W	44.2 158.3	GGGG	76	13
2496-20381	00000/0000	2-10019/0462	06/01/76	20	6918	6523N	14811W	45.2 156.0	GGGG	76	14
2496-20384	00000/0000	2-10019/0463	06/01/76	10	6918	6402N	14932W	46.2 153.8	GGGG	76	15
2496-20390	00000/0000	2-10019/0464	06/01/76	10	6918	6240N	15046W	47.2 151.7	GGGG	76	16
2496-20393	00000/0000	2-10019/0465	06/01/76	10	6918	6118N	15153W	48.2 149.6	FFGG	76	17
2496-20395	00000/0000	2-10019/0466	06/01/76	10	6918	5945N	15255W	49.1 147.5	GGFG	76	18
2496-20402	00000/0000	2-10019/0467	06/01/76	10	6918	5832N	15352W	50.0 145.4	FGG	76	19
2496-20404	00000/0000	2-10019/0468	06/01/76	60	6918	5709N	15446W	50.9 143.4	GGGG	76	20

KEYS: CLDUD COVER % ..... 0 TO 100 = % CLDUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0162

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER	
2496-20411	00000/0000 2-10019/0469	06/01/76	90	6918	5545N	15537W	51.8	141.3	GGGG	76	21
2497-15391	00000/0000 2-10019/0098	06/02/76	n	6929	4846N	08310W	55.5	130.3	FGGF	23	26
2497-15393	00000/0000 2-10019/0099	06/02/76	10	6929	4721N	08346W	56.2	128.0	GGGG	23	27
2497-15400	00000/0000 2-10019/0100	06/02/76	n	6929	4556N	08421W	56.8	125.7	GGGG	23	28
2497-15402	00000/0000 2-10019/0101	06/02/76	0	6929	4432N	08455W	57.3	123.2	GGGG	23	29
2497-15405	00000/0000 2-10019/0102	06/02/76	10	6929	4306N	08527W	57.8	120.8	GGGG	23	30
2497-15411	00000/0000 2-10019/0103	06/02/76	30	6929	4141N	08558W	58.2	118.3	FFFF	23	31
2497-15414	00000/0000 2-10019/0104	06/02/76	80	6929	4015N	08628W	58.6	115.7	GGGG	23	32
2497-15420	00000/0000 2-10019/0105	06/02/76	90	6929	3850N	08657W	58.9	113.2	GGGG	23	33
2497-15423	00000/0000 2-10019/0106	06/02/76	100	6929	3724N	08725W	59.2	110.5	GGGG	23	34
2497-15425	00000/0000 2-10019/0107	06/02/76	90	6929	3559N	08751W	59.4	107.9	GGGG	23	35
2497-15432	00000/0000 2-10019/0108	06/02/76	90	6929	3433N	08818W	59.5	105.3	GGGG	23	36
2497-15434	00000/0000 2-10019/0109	06/02/76	70	6929	3308N	08843W	59.6	102.6	GFGG	23	37
2497-15441	00000/0000 2-10019/0110	06/02/76	70	6929	3142N	08909W	59.6	99.9	GFGG	23	38
2497-15443	00000/0000 2-10019/0111	06/02/76	20	6929	3017N	08934W	59.6	97.3	FFGG	23	39
2497-15450	00000/0000 2-10019/0112	06/02/76	40	6929	2851N	08959W	59.5	94.7	GGGG	23	40
2497-17222	00000/0000 2-10019/0129	06/02/76	70	6930	4846N	10859W	55.5	130.3	GGGG	41	26
2497-17225	00000/0000 2-10019/0130	06/02/76	20	6930	4722N	10936W	56.2	128.0	GGGG	41	27
2497-17231	00000/0000 2-10019/0131	06/02/76	10	6930	4557N	11011W	56.8	125.6	FGGG	41	28
2497-17234	00000/0000 2-10019/0132	06/02/76	10	6930	4432N	11044W	57.3	123.2	GGGG	41	29
2497-17240	00000/0000 2-10019/0133	06/02/76	10	6930	4306N	11116W	57.8	120.8	GGGG	41	30
2497-17243	00000/0000 2-10019/0134	06/02/76	20	6930	4141N	11147W	58.2	118.3	GGGG	41	31
2497-17245	00000/0000 2-10019/0135	06/02/76	20	6930	4016N	11217W	58.6	115.7	GGGG	41	32
2497-17252	00000/0000 2-10019/0136	06/02/76	10	6930	3850N	11246W	58.9	113.1	GGGG	41	33
2497-17254	00000/0000 2-10019/0137	06/02/76	n	6930	3724N	11314W	59.2	110.5	GGGG	41	34
2497-17261	00000/0000 2-10019/0138	06/02/76	0	6930	3559N	11341W	59.4	107.9	GGGG	41	35
2497-17263	00000/0000 2-10019/0139	06/02/76	n	6930	3434N	11408W	59.5	105.2	GGGG	41	36
2497-17270	00000/0000 2-10019/0140	06/02/76	0	6930	3307N	11434W	59.6	102.6	GGGG	41	37
2497-17272	00000/0000 2-10019/0141	06/02/76	10	6930	3141N	11459W	59.6	99.9	GGGG	41	38
2497-20421	00000/0000 2-10019/0485	06/02/76	10	6932	7041N	14237W	41.2	165.9	PGGF	77	10
2497-20424	00000/0000 2-10019/0486	06/02/76	10	6932	6923N	14440W	42.2	163.2	GGG	77	11
2497-20430	00000/0000 2-10019/0487	06/02/76	30	6932	6805N	14629W	43.3	160.7	GGG	77	12
2497-20433	00000/0000 2-10019/0488	06/02/76	20	6932	6645N	14807W	44.3	158.3	FGF	77	13
2497-20435	00000/0000 2-10019/0489	06/02/76	10	6932	6524N	14937W	45.3	156.0	FGFG	77	14
2497-20442	00000/0000 2-10019/0490	06/02/76	10	6932	6403N	15058W	46.3	153.8	FFGF	77	15
2497-20444	00000/0000 2-10019/0491	06/02/76	10	6932	6242N	15211W	47.3	151.6	GFGG	77	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0163

OBSERVATION ID	MICROFILM POSITION IN RBV	ROLL NO./ IN RBV MSS	DATE ACQUIRED	CL CLOUD COVER	BUD ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2497-20451	00000/0000	2-10019/0492	06/02/76	30	6932	6119N	15318W	48.3	149.5	FGGG			77	17
2497-20453	00000/0000	2-10019/0493	06/02/76	70	6932	5957N	15421W	49.2	147.4	GGGG			77	18
2497-20460	00000/0000	2-10019/0494	06/02/76	80	6932	5834N	15519W	50.1	145.4	GGGF			77	19
2497-20462	00000/0000	2-10019/0495	06/02/76	90	6932	5711N	15613W	51.0	143.3	GGGG			77	20
2497-20465	00000/0000	2-10019/0496	06/02/76	90	6932	5547N	15703W	51.8	141.2	GGGG			77	21
2497-20471	00000/0000	2-10019/0497	06/02/76	90	6932	5423N	15751W	52.6	139.1	GGGG			77	22
2498-15445	00000/0000	2-10019/0498	06/03/76	10	6943	4845N	08435W	55.6	130.1	GGGG			24	26
2498-15451	00000/0000	2-10019/0499	06/03/76	40	6943	4720N	08512W	56.3	127.8	FGGG			24	27
2498-15454	00000/0000	2-10019/0500	06/03/76	10	6943	4555N	08547W	56.8	125.4	GGGG			24	28
2498-15460	00000/0000	2-10019/0501	06/03/76	0	6943	4430N	08620W	57.4	123.0	FGGG			24	29
2498-15463	00000/0000	2-10019/0502	06/03/76	0	6943	4306N	08652W	57.8	120.5	GGGG			24	30
2498-15465	00000/0000	2-10019/0503	06/03/76	0	6943	4141N	08724W	58.3	118.0	GGGG			24	31
2498-15472	00000/0000	2-10019/0504	06/03/76	20	6943	4015N	08754W	58.6	115.5	GGGG			24	32
2498-15474	00000/0000	2-10019/0505	06/03/76	70	6943	3850N	08822W	59.0	112.9	GGGG			24	33
2498-15481	00000/0000	2-10019/0506	06/03/76	80	6943	3724N	08850W	59.2	110.3	GGGG			24	34
2498-15483	00000/0000	2-10019/0507	06/03/76	40	6943	3559N	08918W	59.4	107.6	GGGG			24	35
2498-15490	00000/0000	2-10019/0508	06/03/76	60	6943	3433N	08944W	59.5	105.0	GGGG			24	36
2498-15492	00000/0000	2-10019/0509	06/03/76	70	6943	3307N	09010W	59.6	102.3	GGGG			24	37
2498-15495	00000/0000	2-10019/0510	06/03/76	30	6943	3141N	09036W	59.6	99.7	GGGG			24	38
2498-15501	00000/0000	2-10019/0511	06/03/76	10	6943	3015N	09100W	59.6	97.0	GGGG			24	39
2498-15504	00000/0000	2-10019/0512	06/03/76	10	6943	2849N	09124W	59.5	94.4	GGGG			24	40
2498-17274	00000/0000	2-10019/0533	06/03/76	60	6944	5010N	10947W	55.0	132.4	FGGG			42	25
2498-17280	00000/0000	2-10019/0534	06/03/76	30	6944	4846N	11025W	55.6	130.1	GGGG			42	26
2498-17283	00000/0000	2-10019/0535	06/03/76	10	6944	4721N	11101W	56.3	127.8	GGGG			42	27
2498-17285	00000/0000	2-10019/0536	06/03/76	10	6944	4556N	11136W	56.8	125.4	GGGG			42	28
2498-17292	00000/0000	2-10019/0537	06/03/76	20	6944	4431N	11209W	57.4	123.0	GGGG			42	29
2498-17294	00000/0000	2-10019/0538	06/03/76	10	6944	4305N	11242W	57.8	120.5	GGGG			42	30
2498-17301	00000/0000	2-10019/0539	06/03/76	10	6944	4140N	11313W	58.3	118.0	GGGG			42	31
2498-17303	00000/0000	2-10019/0540	06/03/76	10	6944	4015N	11343W	58.6	115.5	GGGG			42	32
2498-17315	00000/0000	2-10019/0541	06/03/76	0	6944	3558N	11507W	59.4	107.6	GGGG			42	35
2498-17321	00000/0000	2-10019/0542	06/03/76	0	6944	3432N	11534W	59.5	105.0	GGGG			42	36
2498-17324	00000/0000	2-10019/0543	06/03/76	10	6944	3307N	11600W	59.6	102.3	GGGG			42	37
2498-20480	00000/0000	2-10019/0513	06/03/76	10	6946	7040N	14403W	41.3	165.8	GGGG			78	10
2498-20482	00000/0000	2-10019/0514	06/03/76	10	6946	6922N	14607W	42.4	163.1	GGGG			78	11
2498-20485	00000/0000	2-10019/0515	06/03/76	40	6946	6803N	14757W	43.4	160.6	GGGG			78	12
2498-20491	00000/0000	2-10019/0516	06/03/76	50	6946	6644N	14936W	44.4	158.2	GGGG			78	13

KEYS: CL3UD COVER % ..... 0 TO 100 = % CL3UD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0164

OBSERVATION ID	MICROFILM REL. NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV	MSS MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2498-20494	00000/0000	2-10019/0517	06/03/76	70	6946	6524N	15104W	45.5	155.9	GGGF			78	14
2498-20500	00000/0000	2-10019/0518	06/03/76	70	6946	6402N	15223W	46.5	153.7	GGGG			78	15
2498-20503	00000/0000	2-10019/0519	06/03/76	60	6946	6240N	15336W	47.4	151.5	GGGG			78	16
2498-20505	00000/0000	2-10019/0520	06/03/76	90	6946	6118N	15444W	48.4	149.4	GGGG			78	17
2498-20512	00000/0000	2-10019/0521	06/03/76	90	6946	5956N	15547W	49.3	147.3	GGGG			78	18
2498-20514	00000/0000	2-10019/0522	06/03/76	80	6946	5833N	15645W	50.2	145.2	GGGG			78	19
2498-20521	00000/0000	2-10019/0523	06/03/76	30	6946	5710N	15739W	51.1	143.1	GGGG			78	20
2498-20523	00000/0000	2-10019/0524	06/03/76	40	6946	5546N	15830W	51.9	141.0	GGGG			78	21
2498-20530	00000/0000	2-10019/0525	06/03/76	30	6946	5422N	15917W	52.8	138.9	GFGG			78	22
2498-22361	00000/0000	2-10019/0526	06/03/76	90	6947	5422N	17452E	52.8	138.9	GGGG			96	22
2499-15503	00000/0000	2-10019/0544	06/04/76	0	6957	4844N	08604W	55.7	129.9	GGGF			25	26
2499-15510	00000/0000	2-10019/0545	06/04/76	0	6957	4720N	08641W	56.3	127.6	GGGF			25	27
2499-15512	00000/0000	2-10019/0546	06/04/76	0	6957	4555N	08716W	56.9	125.2	GGGF			25	28
2499-15515	00000/0000	2-10019/0547	06/04/76	0	6957	4429N	08749W	57.4	122.8	GGGF			25	29
2499-15521	00000/0000	2-10019/0548	06/04/76	10	6957	4303N	08821W	57.9	120.3	GGGF			25	30
2499-15524	00000/0000	2-10019/0549	06/04/76	10	6957	4139N	08852W	58.3	117.8	FGGG			25	31
2499-15530	00000/0000	2-10019/0550	06/04/76	10	6957	4014N	08922W	58.7	115.2	GGGG			25	32
2499-15533	00000/0000	2-10019/0551	06/04/76	80	6957	3848N	08951W	59.0	112.6	GGGG			25	33
2499-15535	00000/0000	2-10019/0552	06/04/76	90	6957	3722N	09019W	59.2	110.0	GGGF			25	34
2499-15542	00000/0000	2-10019/0553	06/04/76	100	6957	3557N	09046W	59.4	107.4	GGGF			25	35
2499-15544	00000/0000	2-10019/0554	06/04/76	80	6957	3431N	09112W	59.6	104.7	GFGG			25	36
2499-15551	00000/0000	2-10019/0555	06/04/76	10	6957	3306N	09138W	59.6	102.0	FGGG			25	37
2499-15553	00000/0000	2-10019/0556	06/04/76	10	6957	3140N	09203W	59.6	99.4	GGGG			25	38
2499-15560	00000/0000	2-10019/0557	06/04/76	10	6957	3014N	09227W	59.6	96.8	FGGG			25	39
2499-15562	00000/0000	2-10019/0558	06/04/76	10	6957	2848N	09251W	59.4	94.1	GGGF			25	40
2499-17332	00000/0000	2-10019/0577	06/04/76	20	6958	5009N	11113W	55.0	132.2	GGGG			43	25
2499-17335	00000/0000	2-10019/0578	06/04/76	40	6958	4844N	11152W	55.7	129.9	GGGG			43	26
2499-17341	00000/0000	2-10019/0579	06/04/76	40	6958	4720N	11229W	56.3	127.6	GGGG			43	27
2499-17344	00000/0000	2-10019/0580	06/04/76	30	6958	4555N	11303W	56.9	125.2	GGGG			43	28
2499-17350	00000/0000	2-10019/0581	06/04/76	10	6958	4430N	11337W	57.4	122.8	GGGG			43	29
2499-17353	00000/0000	2-10019/0582	06/04/76	0	6958	4305N	11409W	57.9	120.3	GGGG			43	30
2499-17355	00000/0000	2-10019/0583	06/04/76	0	6958	4139N	11440W	58.3	117.8	GGGG			43	31
2499-17362	00000/0000	2-10019/0584	06/04/76	0	6958	4014N	11510W	58.7	115.2	GGGG			43	32
2499-17364	00000/0000	2-10019/0585	06/04/76	0	6958	3848N	11538W	59.0	112.6	GGGG			43	33
2499-17371	00000/0000	2-10019/0586	06/04/76	0	6958	3723N	11606W	59.3	110.0	GGGG			43	34
2499-17373	00000/0000	2-10019/0587	06/04/76	0	6958	3557N	11633W	59.4	107.3	GGGG			43	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0165

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2499-17380	00000/0000	2-10019/0588	06/04/76	10	6958	3432N	11700W	59.6	104.7	GGGG			43	36
2499-20534	00000/0000	2-10019/0605	06/04/76	30	6960	7039N	14537W	41.4	165.7	GGGG			79	10
2499-20540	00000/0000	2-10019/0606	06/04/76	10	6960	6921N	14738W	42.5	163.0	GFGG			79	11
2499-20543	00000/0000	2-10019/0607	06/04/76	10	6960	6802N	14927W	43.5	160.4	GGGG			79	12
2499-20545	00000/0000	2-10019/0608	06/04/76	10	6960	6643N	15104W	44.6	158.0	GGGG			79	13
2499-20545	00000/0000	2-10019/0608	06/04/76	20	6960	6522N	15232W	45.6	155.8	GGGG			79	14
2499-20552	00000/0000	2-10019/0609	06/04/76	30	6960	6401N	15353W	46.6	153.5	GGGG			79	15
2499-20554	00000/0000	2-10019/0610	06/04/76	50	6960	6240N	15506W	47.5	151.4	GGGG			79	16
2499-20561	00000/0000	2-10019/0611	06/04/76	50	6960	6118N	15614W	48.5	149.3	GFGG			79	17
2499-20563	00000/0000	2-10019/0612	06/04/76	80	6960	5955N	15716W	49.4	147.2	GFGG			79	18
2499-20570	00000/0000	2-10019/0613	06/04/76	90	6960	5833N	15814W	50.3	145.1	GGGG			79	19
2499-20572	00000/0000	2-10019/0614	06/04/76	80	6960	5709N	15908W	51.2	143.0	GGGG			79	20
2499-20575	00000/0000	2-10019/0615	06/04/76	90	6960	5546N	15959W	52.0	140.9	GGGG			79	21
2499-20581	00000/0000	2-10019/0616	06/04/76	100	6960	5422N	16046W	52.8	138.7	GGGG			79	22
2499-20584	00000/0000	2-10019/0617	06/04/76	100	6971	4844N	08730W	55.8	129.7	FGGG			26	26
2500-15561	00000/0000	2-10019/0618	06/05/76	10	6971	4719N	08807W	56.4	127.4	GFGG			26	27
2500-15564	00000/0000	2-10019/0619	06/05/76	10	6971	4554N	08841W	57.0	125.0	GGGG			26	28
2500-15570	00000/0000	2-10019/0620	06/05/76	10	6971	4430N	08915W	57.5	122.6	GGGG			26	29
2500-15573	00000/0000	2-10019/0621	06/05/76	0	6971	4305N	08947W	58.0	120.1	GGGG			26	30
2500-15575	00000/0000	2-10019/0622	06/05/76	0	6971	4139N	09018W	58.4	117.6	GGGG			26	31
2500-15582	00000/0000	2-10019/0623	06/05/76	10	6971	4014N	09048W	58.7	115.0	GGGG			26	32
2500-15584	00000/0000	2-10019/0624	06/05/76	10	6971	3849N	09117W	59.0	112.4	GGGG			26	33
2500-15591	00000/0000	2-10019/0625	06/05/76	60	6971	3723N	09145W	59.3	109.8	GGGG			26	34
2500-15593	00000/0000	2-10019/0626	06/05/76	80	6971	3557N	09212W	59.5	107.1	GGGG			26	35
2500-16000	00000/0000	2-10019/0627	06/05/76	90	6971	3431N	09238W	59.6	104.5	GGGG			26	36
2500-16002	00000/0000	2-10019/0628	06/05/76	90	6971	3305N	09304W	59.6	101.8	GGGG			26	37
2500-16005	00000/0000	2-10019/0629	06/05/76	70	6971	3139N	09329W	59.6	99.1	GGFF			26	38
2500-16011	00000/0000	2-10019/0630	06/05/76	30	6971	3014N	09353W	59.6	96.5	GFGG			26	39
2500-16014	00000/0000	2-10019/0631	06/05/76	10	6971	2556N	09504W	59.0	88.8	GFGG			26	42
2500-16025	00000/0000	2-10019/0572	06/05/76	20	6971	5008N	11241W	55.1	132.0	GGGG			44	25
2500-17391	00000/0000	2-10019/0658	06/05/76	40	6972	4844N	11319W	55.8	129.7	GGGG			44	26
2500-17393	00000/0000	2-10019/0659	06/05/76	20	6972	4719N	11356W	56.4	127.4	GGGG			44	27
2500-17400	00000/0000	2-10019/0660	06/05/76	10	6972	4554N	11430W	57.0	125.0	GGGG			44	28
2500-17402	00000/0000	2-10019/0661	06/05/76	10	6972	4429N	11504W	57.5	122.5	GGGG			44	29
2500-17405	00000/0000	2-10019/0662	06/05/76	10	6972	4304N	11535W	58.0	120.1	GGGG			44	30
2500-17411	00000/0000	2-10019/0663	06/05/76	0	6972	4139N	11606W	58.4	117.5	GGGG			44	31
2500-17414	00000/0000	2-10019/0664	06/05/76	0	6972									

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0166

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2500-17420	00000/0000	2-10019/0665	06/05/76	0	6972	4013N	11636W	58.7	115.0	GGGG			44	32
2500-17423	00000/0000	2-10019/0666	06/05/76	0	6972	3848N	11705W	59.0	112.4	GGGG			44	33
2500-17425	00000/0000	2-10019/0667	06/05/76	0	6972	3722N	11733W	59.3	109.7	GGGG			44	34
2500-17432	00000/0000	2-10019/0668	06/05/76	0	6972	3557N	11800W	59.5	107.1	GGGG			44	35
2500-17434	00000/0000	2-10019/0669	06/05/76	10	6972	3432N	11827W	59.6	104.4	GGGG			44	36
2500-20592	00000/0000	2-10019/0559	06/05/76	10	6974	7038N	14705W	41.5	165.6	GGGG			80	10
2500-20595	00000/0000	2-10019/0560	06/05/76	10	6974	6920N	14906W	42.6	162.9	GGGG			80	11
2500-21001	00000/0000	2-10019/0561	06/05/76	10	6974	6802N	15055W	43.6	160.3	GGGG			80	12
2500-21004	00000/0000	2-10019/0562	06/05/76	10	6974	6642N	15233W	44.7	157.9	GGGG			80	13
2500-21010	00000/0000	2-10019/0563	06/05/76	70	6974	6522N	15401W	45.7	155.6	GGGG			80	14
2500-21013	00000/0000	2-10019/0564	06/05/76	100	6974	6400N	15521W	46.7	153.4	GGGG			80	15
2500-21015	00000/0000	2-10019/0565	06/05/76	100	6974	6238N	15634W	47.6	151.2	GGGG			80	16
2500-21022	00000/0000	2-10019/0566	06/05/76	100	6974	6116N	15741W	48.6	149.1	GGGG			80	17
2500-21024	00000/0000	2-10019/0567	06/05/76	100	6974	5954N	15843W	49.5	147.0	GGGG			80	18
2500-21031	00000/0000	2-10019/0568	06/05/76	90	6974	5831N	15941W	50.4	144.9	GGGG			80	19
2500-21033	00000/0000	2-10019/0569	06/05/76	100	6974	5708N	16034W	51.3	142.8	GGGG			80	20
2500-21040	00000/0000	2-10019/0570	06/05/76	90	6974	5545N	16124W	52.1	140.7	GGGG			80	21
2500-21042	00000/0000	2-10019/0571	06/05/76	90	6974	5421N	16211W	52.9	138.6	GGGG			80	22
2501-14191	00000/0000	2-10019/0632	06/06/76	0	6984	4718N	06344W	56.5	127.2	GGGG			9	27
2501-16020	00000/0000	2-10019/0633	06/06/76	10	6985	4843N	08857W	55.8	129.5	GGGG			27	26
2501-16022	00000/0000	2-10019/0634	06/06/76	10	6985	4718N	08933W	56.5	127.2	GGGG			27	27
2501-16025	00000/0000	2-10019/0635	06/06/76	0	6985	4553N	09007W	57.0	124.8	GGGG			27	28
2501-16031	00000/0000	2-10019/0636	06/06/76	0	6985	4428N	09040W	57.5	122.3	GGGG			27	29
2501-16034	00000/0000	2-10019/0637	06/06/76	10	6985	4303N	09113W	58.0	119.9	GGGG			27	30
2501-16040	00000/0000	2-10019/0638	06/06/76	10	6985	4138N	09144W	58.4	117.3	GGGG			27	31
2501-16043	00000/0000	2-10019/0639	06/06/76	10	6985	4022N	09213W	58.8	114.8	GGGG			27	32
2501-16045	00000/0000	2-10019/0640	06/06/76	10	6985	3847N	09242W	59.1	112.2	GGGG			27	33
2501-16052	00000/0000	2-10019/0641	06/06/76	40	6985	3722N	09310W	59.3	109.5	GGGG			27	34
2501-16054	00000/0000	2-10019/0642	06/06/76	50	6985	3556N	09337W	59.5	106.9	GGGG			27	35
2501-16061	00000/0000	2-10019/0643	06/06/76	90	6985	3431N	09404W	59.6	104.2	GGGG			27	36
2501-16063	00000/0000	2-10019/0644	06/06/76	90	6985	3205N	09430W	59.6	101.5	GGGG			27	37
2501-16070	00000/0000	2-10019/0645	06/06/76	90	6985	3139N	09455W	59.6	98.9	GGGG			27	38
2501-16075	00000/0000	2-10019/0573	06/06/76	10	6985	2848N	09544W	59.4	93.6	GGG			27	40
2501-16081	00000/0000	2-10019/0574	06/06/76	20	6985	2721N	09607W	59.2	91.1	GGGG			27	41
2501-16084	00000/0000	2-10019/0575	06/06/76	20	6985	2535N	09630W	59.0	88.5	GGGG			27	42
2501-16090	00000/0000	2-10019/0576	06/06/76	10	6985	2429N	09653W	58.6	86.1	GGGG			27	43

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0167

OBSERVATION ID	MICROFILM POSITION RBV	RAIL NR./ IN RAIL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINCIPAL LANG	SUN FLV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2501-17445	00000/0000	2-10019/0646	06/06/76	90	6986	5008N	11406W	55.2	131.8	GGGG			45	25
2501-17451	00000/0000	2-10019/0647	06/06/76	90	6986	4843N	11445W	55.8	129.5	GGGG			45	26
2501-17454	00000/0000	2-10019/0648	06/06/76	80	6986	4718N	11522W	56.5	127.2	GGGG			45	27
2501-17460	00000/0000	2-10019/0649	06/06/76	70	6986	4553N	11557W	57.0	124.8	GGGG			45	28
2501-17463	00000/0000	2-10019/0650	06/06/76	30	6986	4429N	11630W	57.5	122.3	GGGG			45	29
2501-17465	00000/0000	2-10019/0651	06/06/76	10	6986	4303N	11702W	58.0	119.8	GGGG			45	30
2501-17472	00000/0000	2-10019/0652	06/06/76	10	6986	4137N	11733W	58.4	117.3	GGGG			45	31
2501-17474	00000/0000	2-10019/0653	06/06/76	10	6986	4012N	11802W	58.8	114.7	GGGG			45	32
2501-17481	00000/0000	2-10019/0654	06/06/76	10	6986	3847N	11831W	59.1	112.1	GGGG			45	33
2501-17483	00000/0000	2-10019/0655	06/06/76	10	6986	3722N	11859W	59.3	109.5	GGGG			45	34
2501-17490	00000/0000	2-10019/0656	06/06/76	10	6986	3556N	11927W	59.5	106.9	GGGG			45	35
2501-17492	00000/0000	2-10019/0657	06/06/76	10	6986	3430N	11953W	59.6	104.2	GGFG			45	36
2501-21051	00000/0000	2-10019/0670	06/06/76	10	6988	7037N	14832W	41.7	165.5	GGGG			81	10
2501-21053	00000/0000	2-10019/0671	06/06/76	10	6988	6919N	15033W	42.7	162.7	GGGG			81	11
2501-21060	00000/0000	2-10019/0672	06/06/76	90	6988	6801N	15222W	43.8	160.2	GGGG			81	12
2501-21062	00000/0000	2-10019/0673	06/06/76	100	6988	6642N	15400W	44.8	157.8	GGGG			81	13
2501-21065	00000/0000	2-10019/0674	06/06/76	90	6988	6521N	15528W	45.8	155.5	GGGG			81	14
2501-21071	00000/0000	2-10019/0675	06/06/76	90	6988	6400N	15648W	46.8	153.3	GGGG			81	15
2501-21074	00000/0000	2-10019/0676	06/06/76	90	6988	6238N	15800W	47.7	151.1	GGGG			81	16
2501-21080	00000/0000	2-10019/0677	06/06/76	90	6988	6115N	15908W	48.7	149.0	GGGG			81	17
2501-21083	00000/0000	2-10019/0678	06/06/76	90	6988	5953N	16009W	49.6	146.9	GGGG			81	18
2501-21085	00000/0000	2-10019/0679	06/06/76	80	6988	5830N	16107W	50.5	144.8	GGGG			81	19
2501-21092	00000/0000	2-10019/0680	06/06/76	70	6988	5707N	16201W	51.4	142.7	GGGG			81	20
2501-21094	00000/0000	2-10019/0681	06/06/76	40	6988	5544N	16251W	52.2	140.5	GGGG			81	21
2501-21101	00000/0000	2-10019/0682	06/06/76	40	6988	5420N	16338W	53.0	138.4	GGGG			81	22
2501-21103	00000/0000	2-10019/0683	06/06/76	90	6988	5255N	16423W	53.8	136.2	GGGG			81	23
2502-14245	00000/0000	2-10019/0684	06/07/76	60	6998	4717N	06509W	56.5	127.0	GGGG			10	27
2502-14251	00000/0000	2-10019/0685	06/07/76	90	6998	4552N	06544W	57.1	124.6	GGGG			10	28
2502-14254	00000/0000	2-10019/0686	06/07/76	70	6998	4427N	06618W	57.6	122.1	GGGG			10	29
2502-14260	00000/0000	2-10019/0687	06/07/76	10	6998	4302N	06649W	58.0	119.7	FGGF			10	30
2502-16074	00000/0000	2-10019/0688	06/07/76	20	6999	4843N	09024W	55.9	129.3	GGGG			28	25
2502-16081	00000/0000	2-10019/0689	06/07/76	10	6999	4718N	09101W	56.5	127.0	GGGG			28	27
2502-16083	00000/0000	2-10019/0690	06/07/76	10	6999	4553N	09135W	57.1	124.6	FGGG			28	28
2502-16090	00000/0000	2-10019/0691	06/07/76	10	6999	4427N	09208W	57.6	122.1	GGGG			28	29
2502-16092	00000/0000	2-10019/0692	06/07/76	10	6999	4302N	09240W	58.0	119.6	GGGG			28	30
2502-16095	00000/0000	2-10019/0693	06/07/76	10	6999	4137N	09310W	58.4	117.1	GGGG			28	31

KEYS: CLOUD COVER x ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 016R

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SAT PATH NUMBER	FRAME ROW NUMBER
2502-16101	00000/0000	2-10019/0694	06/07/76	20	6999	4012N	09340W	58.8	114.5	GGGG			28	32
2502-16104	00000/0000	2-10019/0695	06/07/76	20	6999	3847N	09409W	59.1	111.9	GGGG			28	33
2502-16110	00000/0000	2-10019/0696	06/07/76	10	6999	3722N	09438W	59.3	109.3	GGGG			28	34
2502-16115	00000/0000	2-10019/0697	06/07/76	10	6999	3429N	09532W	59.6	104.0	GGGG			28	36
2502-16122	00000/0000	2-10019/0698	06/07/76	30	6999	3302N	09557W	59.6	101.3	GGGG			28	37
2502-16124	00000/0000	2-10019/0699	06/07/76	70	6999	3137N	09622W	59.6	98.7	GGGG			28	38
2502-17503	00000/0000	2-10019/0246	06/07/76	50	7000	5007N	11530W	55.3	131.6	GGGG			46	25
2502-17510	00000/0000	2-10019/0247	06/07/76	80	7000	4842N	11608W	55.9	129.3	GGGG			46	26
2502-17512	00000/0000	2-10019/0248	06/07/76	50	7000	4717N	11645W	56.5	127.0	FGGG			46	27
2502-17515	00000/0000	2-10019/0249	06/07/76	50	7000	4553N	11720W	57.1	124.6	GGGG			46	28
2502-17521	00000/0000	2-10019/0250	06/07/76	60	7000	4427N	11754W	57.6	122.1	FGGG			46	29
2502-17524	00000/0000	2-10019/0251	06/07/76	60	7000	4302N	11826W	58.0	119.6	GGGG			46	30
2502-17530	00000/0000	2-10019/0252	06/07/76	20	7000	4137N	11857W	58.4	117.1	GGGG			46	31
2502-17533	00000/0000	2-10019/0253	06/07/76	30	7000	4012N	11927W	58.8	114.5	GGGG			46	32
2502-17535	00000/0000	2-10019/0254	06/07/76	10	7000	3847N	11957W	59.1	111.9	GGGG			46	33
2502-17542	00000/0000	2-10019/0255	06/07/76	10	7000	3721N	12025W	59.3	109.3	FGGG			46	34
2502-17544	00000/0000	2-10019/0256	06/07/76	10	7000	3545N	12053W	59.5	106.6	GGGG			46	35
2502-21105	00000/0000	2-10019/0879	06/07/76	40	7002	7036N	14959W	41.8	165.3	GGGG			82	10
2502-21111	00000/0000	2-10019/0880	06/07/76	70	7002	6918N	15200W	42.8	162.6	GGGG			82	11
2502-21114	00000/0000	2-10019/0881	06/07/76	100	7002	6800N	15348W	43.9	160.1	GGGG			82	12
2502-21120	00000/0000	2-10019/0882	06/07/76	40	7002	6640N	15524W	44.9	157.7	GGGG			82	13
2502-21123	00000/0000	2-10019/0883	06/07/76	70	7002	6520N	15652W	45.9	155.4	GGGG			82	14
2502-21125	00000/0000	2-10019/0884	06/07/76	90	7002	6359N	15812W	46.9	153.2	GGGG			82	15
2502-21132	00000/0000	2-10019/0885	06/07/76	90	7002	6237N	15925W	47.8	151.0	GGGG			82	16
2502-21134	00000/0000	2-10019/0886	06/07/76	90	7002	6115N	16032W	48.8	148.9	GGGG			82	17
2502-21141	00000/0000	2-10019/0887	06/07/76	70	7002	5952N	16134W	49.7	146.7	GGGG			82	18
2502-21143	00000/0000	2-10019/0888	06/07/76	90	7002	5829N	16232W	50.6	144.6	GGGG			82	19
2502-21150	00000/0000	2-10019/0889	06/07/76	100	7002	5706N	16326W	51.5	142.5	GGGG			82	20
2502-21152	00000/0000	2-10019/0890	06/07/76	100	7002	5543N	16416W	52.3	140.4	GGGG			82	21
2502-21155	00000/0000	2-10019/0891	06/07/76	90	7002	5419N	16504W	53.1	138.2	GGGG			82	22
2502-21161	00000/0000	2-10019/0892	06/07/76	100	7002	5255N	16548W	53.9	136.0	GGGG			82	23
2503-14303	00000/0000	2-10019/0758	06/08/76	50	7012	4717N	06635W	56.6	126.8	GGGG			11	27
2503-14310	00000/0000	2-10019/0759	06/08/76	10	7012	4552N	06710W	57.1	124.4	GGGG			11	28
2503-14312	00000/0000	2-10019/0760	06/08/76	10	7012	4427N	06743W	57.6	121.9	GGGG			11	29
2503-14315	00000/0000	2-10019/0761	06/08/76	10	7012	4302N	06815W	58.1	119.4	FGGG			11	30
2503-14321	00000/0000	2-10019/0762	06/08/76	10	7012	4137N	06846W	58.5	116.9	GGGG			11	31

KEYS: C.CLOUD COVER 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0169

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2503-14324	00000/0000	2-10019/0763	06/08/76	10	7012	4012N	06915W	58.8	114.3	GGGF			11	32
2503-16130	00000/0000	2-10019/0764	06/08/76	40	7013	4946N	09120W	55.5	130.9	GGGG			29	25
2503-16133	00000/0000	2-10019/0765	06/08/76	30	7013	4821N	09157W	56.1	128.6	GGGG			29	26
2503-16135	00000/0000	2-10019/0766	06/08/76	10	7013	4657N	09233W	56.7	126.2	GGGG			29	27
2503-16142	00000/0000	2-10019/0767	06/08/76	10	7013	4532N	09308W	57.2	123.8	GGGG			29	28
2503-16144	00000/0000	2-10019/0768	06/08/76	50	7013	4407N	09341W	57.7	121.3	GGGG			29	29
2503-16151	00000/0000	2-10019/0769	06/08/76	50	7013	4242N	09413W	58.2	118.8	GGGG			29	30
2503-16153	00000/0000	2-10019/0770	06/08/76	50	7013	4117N	09444W	58.6	116.3	GGGG			29	31
2503-16160	00000/0000	2-10019/0771	06/08/76	30	7013	3951N	09513W	58.9	113.7	GGGG			29	32
2503-16162	00000/0000	2-10019/0772	06/08/76	50	7013	3826N	09542W	59.2	111.1	GGGG			29	33
2503-16165	00000/0000	2-10019/0773	06/08/76	10	7013	3700N	09610W	59.4	108.4	GGGF			29	34
2503-16180	00000/0000	2-10019/0700	06/08/76	10	7013	3303N	09723W	59.6	101.1	FGGG			29	37
2503-16182	00000/0000	2-10019/0701	06/08/76	20	7013	3137N	09747W	59.6	98.4	GGGG			29	38
2503-16185	00000/0000	2-10019/0702	06/08/76	20	7013	3012N	09812W	59.5	95.8	GGGG			29	39
2503-16191	00000/0000	2-10019/0703	06/08/76	50	7013	2847N	09836W	59.4	93.2	GGGG			29	40
2503-16194	00000/0000	2-10019/0704	06/08/76	50	7013	2720N	09900W	59.2	90.6	GGGG			29	41
2503-16200	00000/0000	2-10019/0705	06/08/76	30	7013	2553N	09923W	58.9	88.1	GGGG			29	42
2503-17561	00000/0000	2-10019/0706	06/08/76	70	7014	5006N	11700W	55.3	131.4	FGGG			47	25
2503-17564	00000/0000	2-10019/0707	06/08/76	90	7014	4842N	11738W	56.0	129.1	FGGG			47	26
2503-17570	00000/0000	2-10019/0708	06/08/76	30	7014	4717N	11814W	56.6	126.8	GGGG			47	27
2503-17573	00000/0000	2-10019/0709	06/08/76	10	7014	4551N	11849W	57.1	124.4	GGGG			47	28
2503-17575	00000/0000	2-10019/0710	06/08/76	50	7014	4426N	11922W	57.6	121.9	GGGG			47	29
2503-17582	00000/0000	2-10019/0711	06/08/76	50	7014	4301N	11954W	58.1	119.4	FFGG			47	30
2503-17584	00000/0000	2-10019/0712	06/08/76	80	7014	4136N	12025W	58.5	116.9	GGGG			47	31
2503-17591	00000/0000	2-10019/0713	06/08/76	40	7014	4011N	12055W	58.8	114.3	GGGG			47	32
2503-17593	00000/0000	2-10019/0714	06/08/76	10	7014	3845N	12125W	59.1	111.7	GGGG			47	33
2503-18000	00000/0000	2-10019/0715	06/08/76	10	7014	3720N	12153W	59.3	109.1	GGGF			47	34
2503-21163	00000/0000	2-10019/0716	06/08/76	80	7016	7038N	15118W	41.8	165.3	GGGG			83	10
2503-21170	00000/0000	2-10019/0717	06/08/76	40	7016	6921N	15319W	42.9	162.6	GGFG			83	11
2503-21172	00000/0000	2-10019/0718	06/08/76	70	7016	6802N	15507W	43.9	160.1	GGFG			83	12
2503-21175	00000/0000	2-10019/0719	06/08/76	70	7016	6643N	15645W	44.9	157.7	GGGG			83	13
2503-21181	00000/0000	2-10019/0720	06/08/76	80	7016	6522N	15813W	45.9	155.4	GGGG			83	14
2503-21184	00000/0000	2-10019/0721	06/08/76	50	7016	6401N	15933W	46.9	153.1	GGGG			83	15
2503-21190	00000/0000	2-10019/0722	06/08/76	90	7016	6239N	16046W	47.9	150.9	GGGG			83	16
2503-21193	00000/0000	2-10019/0723	06/08/76	90	7016	6117N	16154W	48.8	148.8	GGGG			83	17
2503-21195	00000/0000	2-10019/0724	06/08/76	90	7016	5955N	16257W	49.7	146.7	GGGG			83	18

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0170

OBSERVATION ID	MICROFILM POSITION IN ROLL	ROLL NO. / MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE	SUN ELEV.	SUN AZIM.	IMAGE QUAL	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2503-21202	00000/0000	2-10019/0725	06/08/76	90	7016	5832N	16355W	50.6	144.6	GGGG		83	19
2503-21204	00000/0000	2-10019/0726	06/08/76	90	7016	5709N	16449W	51.5	142.4	GGGG		83	20
2503-21211	00000/0000	2-10019/0727	06/08/76	60	7016	5545N	16540W	52.3	140.3	GGGG		83	21
2503-21213	00000/0000	2-10019/0728	06/08/76	90	7016	5421N	16627W	53.1	138.2	GGGG		83	22
2503-21220	00000/0000	2-10019/0729	06/08/76	80	7016	5257N	16712W	53.9	136.0	GGGG		83	23
2504-14361	00000/0000	2-10019/0745	06/09/76	0	7026	4719N	06801W	56.6	126.7	FGGG		12	27
2504-14364	00000/0000	2-10019/0746	06/09/76	10	7026	4554N	06836W	57.1	124.3	FGGG		12	28
2504-14370	00000/0000	2-10019/0747	06/09/76	10	7026	4430N	06909W	57.6	121.8	GGGG		12	29
2504-14373	00000/0000	2-10019/0748	06/09/76	10	7026	4305N	06942W	58.1	119.3	FGGG		12	30
2504-14375	00000/0000	2-10019/0749	06/09/76	10	7026	4139N	07013W	58.5	116.8	GGGG		12	31
2504-16191	00000/0000	2-10019/0750	06/09/76	20	7027	4845N	09313W	56.0	129.1	GGGG		30	26
2504-16193	00000/0000	2-10019/0751	06/09/76	10	7027	4720N	09349W	56.6	126.7	GGGG		30	27
2504-16200	00000/0000	2-10019/0752	06/09/76	10	7027	4556N	09424W	57.1	124.3	FGGG		30	28
2504-16211	00000/0000	2-10019/0753	06/09/76	10	7027	4141N	09401W	58.5	115.8	GGGG		30	31
2504-16214	00000/0000	2-10019/0754	06/09/76	10	7027	4015N	09631W	58.8	114.2	FGGG		30	32
2504-16220	00000/0000	2-10019/0755	06/09/76	10	7027	3849N	09659W	59.1	111.6	GGGG		30	33
2504-16223	00000/0000	2-10019/0756	06/09/76	10	7027	3724N	09727W	59.3	109.0	GGGG		30	34
2504-16225	00000/0000	2-10019/0757	06/09/76	10	7027	3558N	09755W	59.5	106.3	GGGG		30	35
2504-16234	00000/0000	2-10019/0527	06/09/76	10	7027	3306N	09846W	59.6	101.0	GGGG		30	37
2504-16241	00000/0000	2-10019/0528	06/09/76	10	7027	3141N	09911W	59.6	98.3	GGGG		30	38
2504-16243	00000/0000	2-10019/0529	06/09/76	10	7027	3016N	09936W	59.5	95.7	FGGG		30	39
2504-16250	00000/0000	2-10019/0530	06/09/76	20	7027	2849N	10001W	59.4	93.1	GGGG		30	40
2504-16252	00000/0000	2-10019/0531	06/09/76	20	7027	2722N	10024W	59.2	90.5	GGGG		30	41
2504-16255	00000/0000	2-10019/0532	06/09/76	20	7027	2557N	10048W	58.9	88.0	GGGG		30	42
2504-18020	00000/0000	2-10019/0815	06/09/76	80	7028	5009N	11824W	55.3	131.4	GGGG		48	25
2504-18022	00000/0000	2-10019/0816	06/09/76	60	7028	4844N	11902W	56.0	129.0	GGGG		48	26
2504-18025	00000/0000	2-10019/0817	06/09/76	10	7028	4719N	11938W	56.6	126.7	GGGG		48	27
2504-21221	00000/0000	2-10019/0730	06/09/76	90	7030	7038N	15249W	41.9	165.2	GGGG		84	10
2504-21224	00000/0000	2-10019/0731	06/09/76	10	7030	6920N	15450W	42.9	162.5	GGGG		84	11
2504-21230	00000/0000	2-10019/0732	06/09/76	10	7030	6801N	15639W	44.0	160.0	GGGG		84	12
2504-21233	00000/0000	2-10019/0733	06/09/76	10	7030	6641N	15817W	45.0	157.6	GGGG		84	13
2504-21235	00000/0000	2-10019/0734	06/09/76	20	7030	6521N	15944W	46.0	155.2	GGGG		84	14
2504-21242	00000/0000	2-10019/0735	06/09/76	10	7030	6400N	16104W	47.0	153.0	GGGG		84	15
2504-21244	00000/0000	2-10019/0736	06/09/76	10	7030	6238N	16217W	48.0	150.8	GGGG		84	16
2504-21251	00000/0000	2-10019/0737	06/09/76	30	7030	6116N	16324W	48.9	148.7	GGGG		84	17
2504-21253	00000/0000	2-10019/0738	06/09/76	80	7030	5954N	16426W	49.8	146.5	GGGG		84	18

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD, NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0171

OBSERVATION ID	MICROFILM POSITION IN RBV	ROLL NO./ IN RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2504-21260	00000/0000	2-10019/0739	06/09/76	90	7030	5831N	16523W	50.7	144.4	GGGG			84	19
2504-21262	00000/0000	2-10019/0740	06/09/76	90	7030	5707N	16617W	51.6	142.3	GGGG			84	20
2504-21265	00000/0000	2-10019/0741	06/09/76	90	7030	5545N	16708W	52.4	140.2	GGGG			84	21
2504-21271	00000/0000	2-10019/0742	06/09/76	90	7030	5421N	16756W	53.2	138.0	GGGG			84	22
2504-21274	00000/0000	2-10019/0743	06/09/76	90	7030	5256N	16840W	53.9	135.8	GGGG			84	23
2504-21280	00000/0000	2-10019/0744	06/09/76	100	7030	5132N	16922W	54.7	133.6	GGGG			84	24
2505-14420	00000/0000	2-10019/0955	06/10/76	70	7040	4718N	06929W	56.6	126.5	GGGG			13	27
2505-14422	00000/0000	2-10019/0956	06/10/76	40	7040	4553N	07004W	57.2	124.1	GGGG			13	28
2505-14425	00000/0000	2-10019/0957	06/10/76	10	7040	4428N	07037W	57.7	121.7	GGGG			13	29
2505-14431	00000/0000	2-10019/0958	06/10/76	10	7040	4303N	07109W	58.1	119.1	GGGG			13	30
2505-14434	00000/0000	2-10019/0959	06/10/76	10	7040	4138N	07140W	58.5	116.6	GGGG			13	31
2505-14440	00000/0000	2-10019/0960	06/10/76	30	7040	4013N	07210W	58.8	114.0	GGGG			13	32
2505-14443	00000/0000	2-10019/0961	06/10/76	70	7040	3847N	07239W	59.1	111.4	GGGG			13	33
2505-14445	00000/0000	2-10019/0962	06/10/76	80	7040	3722N	07307W	59.3	108.8	GGGG			13	34
2505-14452	00000/0000	2-10019/0963	06/10/76	90	7040	3556N	07334W	59.5	106.1	GGGG			13	35
2505-14454	00000/0000	2-10019/0964	06/10/76	100	7040	3430N	07400W	59.6	103.4	GGGG			13	36
2505-14461	00000/0000	2-10019/0965	06/10/76	100	7040	3305N	07426W	59.6	100.8	GGGG			13	37
2505-16245	00000/0000	2-10019/0966	06/10/76	10	7041	4844N	09440W	56.0	128.9	GGGG			31	26
2505-16251	00000/0000	2-10019/0967	06/10/76	10	7041	4719N	09517W	56.6	126.5	GGGG			31	27
2505-16254	00000/0000	2-10019/0968	06/10/76	10	7041	4554N	09551W	57.2	124.1	GGGG			31	28
2505-16260	00000/0000	2-10019/0969	06/10/76	0	7041	4429N	09625W	57.7	121.6	GGGG			31	29
2505-16263	00000/0000	2-10019/0970	06/10/76	10	7041	4304N	09657W	58.1	119.1	GGGG			31	30
2505-16265	00000/0000	2-10019/0971	06/10/76	10	7041	4139N	09728W	58.5	116.6	GGGG			31	31
2505-16272	00000/0000	2-10019/0972	06/10/76	10	7041	4013N	09758W	58.8	114.0	GGGG			31	32
2505-16274	00000/0000	2-10019/0973	06/10/76	10	7041	3848N	09827W	59.1	111.4	GGGG			31	33
2505-16281	00000/0000	2-10019/0974	06/10/76	10	7041	3722N	09855W	59.3	108.8	GGGG			31	34
2505-16283	00000/0000	2-10019/0974	06/10/76	10	7041	3557N	09922W	59.5	106.1	GGGG			31	35
2505-16290	00000/0000	2-10019/0975	06/10/76	0	7041	3432N	09948W	59.6	103.4	GGGG			31	36
2505-16292	00000/0000	2-10019/0976	06/10/76	0	7041	3306N	10014W	59.6	100.8	GGGG			31	37
2505-16295	00000/0000	2-10019/0977	06/10/76	10	7041	3140N	10039W	59.6	98.1	GGGG			31	38
2505-16301	00000/0000	2-10019/0978	06/10/76	40	7041	3014N	10104W	59.5	95.5	GGGG			31	39
2505-16304	00000/0000	2-10019/0979	06/10/76	40	7041	2848N	10127W	59.3	92.9	GGGG			31	40
2505-16310	00000/0000	2-10019/0780	06/10/76	20	7041	2722N	10150W	59.1	90.3	GGGG			31	41
2505-18074	00000/0000	2-10019/0796	06/10/76	90	7042	5008N	11951W	55.4	131.2	GGGG			49	25
2505-18080	00000/0000	2-10019/0797	06/10/76	80	7042	4844N	12029W	56.0	128.9	GGGG			49	26
2505-18083	00000/0000	2-10019/0798	06/10/76	60	7042	4718N	12106W	56.6	126.5	GGGG			49	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANNSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0172

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SAT PATH NUMBER	FRAME ROW NUMBER
2505-21273	00000/0000	2-10019/0781	06/10/76	50	7044	7153N	15201W	40.9	168.1	GGGG			85	9
2505-21280	00000/0000	2-10019/0782	06/10/76	90	7044	7037N	15418W	42.0	165.1	FGGG			85	10
2505-21285	00000/0000	2-10019/0783	06/10/76	10	7044	6800N	15809W	44.1	159.9	GGGG			85	12
2505-21291	00000/0000	2-10019/0784	06/10/76	10	7044	6640N	15946W	45.1	157.4	GGGG			85	13
2505-21294	00000/0000	2-10019/0785	06/10/76	60	7044	6520N	16113W	46.1	155.1	GGGG			85	14
2505-21300	00000/0000	2-10019/0786	06/10/76	60	7044	6359N	16233W	47.1	152.9	GFGG			85	15
2505-21303	00000/0000	2-10019/0787	06/10/76	10	7044	6237N	16346W	48.0	150.7	GGGG			85	16
2505-21305	00000/0000	2-10019/0788	06/10/76	10	7044	6115N	16453W	49.0	148.5	GFGG			85	17
2505-21312	00000/0000	2-10019/0789	06/10/76	10	7044	5953N	16555W	49.9	146.4	GFGG			85	18
2505-21314	00000/0000	2-10019/0790	06/10/76	10	7044	5830N	16651W	50.8	144.3	GGGG			85	19
2505-21321	00000/0000	2-10019/0791	06/10/76	10	7044	5707N	16745W	51.6	142.2	FFGG			85	20
2505-21323	00000/0000	2-10019/0792	06/10/76	50	7044	5543N	16836W	52.4	140.0	GGGG			85	21
2505-21330	00000/0000	2-10019/0793	06/10/76	30	7044	5419N	16923W	53.2	137.8	GGGG			85	22
2505-21332	00000/0000	2-10019/0794	06/10/76	70	7044	5255N	17008W	54.0	135.6	GGGG			85	23
2505-21335	00000/0000	2-10019/0795	06/10/76	100	7044	5131N	17051W	54.7	133.4	GGGG			85	24
2506-14474	00000/0000	2-10019/0836	06/11/76	80	7054	4717N	07053W	56.6	126.3	GGGG			14	27
2506-14481	00000/0000	2-10019/0837	06/11/76	90	7054	4552N	07128W	57.2	123.9	FGGG			14	28
2506-14483	00000/0000	2-10019/0838	06/11/76	60	7054	4428N	07201W	57.7	121.5	GFGG			14	29
2506-14490	00000/0000	2-10019/0839	06/11/76	10	7054	4302N	07233W	58.1	119.0	GGGG			14	30
2506-14492	00000/0000	2-10019/0840	06/11/76	10	7054	4137N	07304W	58.5	116.4	GGGF			14	31
2506-16301	00000/0000	2-10019/0841	06/11/76	40	7055	5007N	09528W	55.4	131.0	GGGG			32	25
2506-16303	00000/0000	2-10019/0842	06/11/76	10	7055	4842N	09606W	56.1	128.7	GFGG			32	26
2506-16310	00000/0000	2-10019/0843	06/11/76	10	7055	4718N	09643W	56.6	126.3	GGGG			32	27
2506-16312	00000/0000	2-10019/0844	06/11/76	20	7055	4553N	09718W	57.2	123.9	FGGG			32	28
2506-16315	00000/0000	2-10019/0845	06/11/76	10	7055	4428N	09751W	57.7	121.5	FGGG			32	29
2506-16321	00000/0000	2-10019/0846	06/11/76	10	7055	4303N	09823W	58.1	119.0	GGGG			32	30
2506-16324	00000/0000	2-10019/0847	06/11/76	10	7055	4178N	09854W	58.5	116.4	GGGG			32	31
2506-16342	00000/0000	2-10019/0893	06/11/76	10	7055	3556N	10049W	59.5	105.9	GGG			32	35
2506-16344	00000/0000	2-10019/0894	06/11/76	10	7055	3430N	10115W	59.6	103.2	GGGG			32	36
2506-16351	00000/0000	2-10019/0895	06/11/76	10	7055	3304N	10141W	59.6	100.6	GGGG			32	37
2506-16353	00000/0000	2-10019/0896	06/11/76	40	7055	3139N	10206W	59.6	97.9	GGGG			32	38
2506-16360	00000/0000	2-10019/0897	06/11/76	40	7055	3013N	10230W	59.5	95.3	GGGG			32	39
2506-16362	00000/0000	2-10019/0898	06/11/76	20	7055	2847N	10254W	59.3	92.7	GGGG			32	40
2506-16365	00000/0000	2-10019/0899	06/11/76	20	7055	2721N	10317W	59.1	90.2	FGGG			32	41
2506-18132	00000/0000	2-10019/0833	06/11/76	90	7056	5007N	12118W	55.4	131.0	GGGG			50	25
2506-18135	00000/0000	2-10019/0834	06/11/76	100	7056	4843N	12156W	56.1	128.7	GGGG			50	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0173

OBSERVATION ID	MICROFILM POSITION IN REEL	REEL NO. /	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE	PRINT LAT	SUN FLEV.	SUN AZIM.	IMAGE-QUAL R9V MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2506-18141	00000/0000	2-10019/0835	06/11/76	100	7056	4718N	12233W	56.6	126.3	GGGG			50	27
2506-21334	00000/0000	2-10019/0818	06/11/76	50	7058	7035N	15541W	42.1	165.0	FGGG			86	10
2506-21340	00000/0000	2-10019/0819	06/11/76	17	7058	6918N	15743W	43.1	162.3	GGGG			86	11
2506-21343	00000/0000	2-10019/0820	06/11/76	17	7058	6820N	15931W	44.1	159.7	GGGG			86	12
2506-21345	00000/0000	2-10019/0821	06/11/76	10	7058	6640N	16109W	45.2	157.3	GGGG			86	13
2506-21352	00000/0000	2-10019/0822	06/11/76	0	7058	6519N	16236W	46.2	155.0	GGGG			86	14
2506-21354	00000/0000	2-10019/0823	06/11/76	0	7058	6359N	16356W	47.1	152.8	GGGG			86	15
2506-21361	00000/0000	2-10019/0824	06/11/76	0	7058	6236N	16509W	48.1	150.6	GGGG			86	16
2506-21363	00000/0000	2-10019/0825	06/11/76	0	7058	6114N	16616W	49.0	148.4	GGGG			86	17
2506-21370	00000/0000	2-10019/0826	06/11/76	10	7058	5952N	16717W	49.9	146.3	GGGG			86	18
2506-21372	00000/0000	2-10019/0827	06/11/76	90	7058	5829N	16815W	50.8	144.1	GGGG			86	19
2506-21375	00000/0000	2-10019/0828	06/11/76	90	7058	5706N	16909W	51.7	142.0	GGGG			86	20
2506-21381	00000/0000	2-10019/0829	06/11/76	80	7058	5542N	17000W	52.5	139.9	GGGG			86	21
2506-21384	00000/0000	2-10019/0830	06/11/76	10	7058	5418N	17047W	53.3	137.7	GGGG			86	22
2506-21390	00000/0000	2-10019/0831	06/11/76	90	7058	5254N	17132W	54.0	135.5	GGGG			86	23
2506-21393	00000/0000	2-10019/0832	06/11/76	100	7058	5130N	17215W	54.8	133.2	FGGG			86	24
2507-14532	00000/0000	2-10019/0848	06/12/76	70	7068	4716N	07221W	56.7	126.2	GGGG			15	27
2507-14535	00000/0000	2-10019/0849	06/12/76	40	7068	4552N	07255W	57.2	123.7	GGGG			15	28
2507-14541	00000/0000	2-10019/0850	06/12/76	50	7068	4426N	07329W	57.7	121.3	GGGG			15	29
2507-14544	00000/0000	2-10019/0851	06/12/76	40	7068	4301N	07401W	58.1	118.8	GGGG			15	30
2507-14550	00000/0000	2-10019/0852	06/12/76	20	7068	4136N	07431W	58.5	116.2	GGGG			15	31
2507-14553	00000/0000	2-10019/0853	06/12/76	10	7068	4011N	07501W	58.8	113.6	GGGG			15	32
2507-14555	00000/0000	2-10019/0854	06/12/76	10	7068	3845N	07531W	59.1	111.0	FFGG			15	33
2507-14562	00000/0000	2-10019/0855	06/12/76	10	7068	3719N	07559W	59.3	108.4	FFGG			15	34
2507-14564	00000/0000	2-10019/0856	06/12/76	20	7068	3553N	07626W	59.5	105.7	FFGG			15	35
2507-14571	00000/0000	2-10019/0857	06/12/76	10	7068	3427N	07652W	59.6	103.1	FFGG			15	36
2507-14573	00000/0000	2-10019/0858	06/12/76	0	7068	3302N	07718W	59.6	100.4	FFGG			15	37
2507-14580	00000/0000	2-10019/0859	06/12/76	10	7068	3137N	07742W	59.5	97.7	FFGG			15	38
2507-14582	00000/0000	2-10019/0860	06/12/76	30	7068	3011N	07807W	59.4	95.1	FFGG			15	39
2507-14585	00000/0000	2-10019/0861	06/12/76	50	7068	2845N	07831W	59.3	92.5	FFGG			15	40
2507-14591	00000/0000	2-10019/0862	06/12/76	70	7068	2720N	07855W	59.0	90.0	GGGG			15	41
2507-14594	00000/0000	2-10019/0863	06/12/76	80	7068	2554N	07918W	58.8	87.5	GGGG			15	42
2507-15000	00000/0000	2-10019/0864	06/12/76	90	7068	2427N	07942W	58.4	85.1	GGGG			15	43
2507-16360	00000/0000	2-10019/0865	06/12/76	80	7069	4946N	09705W	55.6	130.3	GGGG			33	25
2507-16362	00000/0000	2-10019/0866	06/12/76	40	7069	4821N	09742W	56.2	128.0	GGGG			33	26
2507-16365	00000/0000	2-10019/0867	06/12/76	50	7069	4647N	09818W	56.8	125.6	GGGG			33	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0174

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2507-16371	00000/0000	2-10019/0868	06/12/76	40	7069	4532N	09R53W	57.3	123.2	FGGG			33	28
2507-16374	00000/0000	2-10019/0869	06/12/76	40	7069	4407N	09R26W	57.8	120.7	GGGG			33	29
2507-16375	00000/0000	2-10019/0870	06/12/76	20	7069	4302N	09R50W	58.1	118.8	GGGG			33	30
2507-16382	00000/0000	2-10019/0871	06/12/76	20	7069	4137N	10R21W	58.5	116.2	GGGG			33	31
2507-16384	00000/0000	2-10019/0872	06/12/76	10	7069	4012N	10R51W	58.8	113.6	GGGG			33	32
2507-16391	00000/0000	2-10019/0873	06/12/76	10	7069	3846N	10120W	59.1	111.0	FGGG			33	33
2507-16393	00000/0000	2-10019/0874	06/12/76	0	7069	3720N	10148W	59.3	108.4	GGGG			33	34
2507-16400	00000/0000	2-10019/0875	06/12/76	0	7069	3555N	10216W	59.5	105.7	GGGG			33	35
2507-16402	00000/0000	2-10019/0876	06/12/76	0	7069	3429N	10242W	59.6	103.0	GGGG			33	36
2507-16405	00000/0000	2-10019/0877	06/12/76	10	7069	3303N	10308W	59.6	100.4	GGGG			33	37
2507-16411	00000/0000	2-10019/0878	06/12/76	10	7069	3138N	10333W	59.5	97.7	GGGG			33	38
2507-18191	00000/0000	2-10019/0917	06/12/76	90	7070	5006N	12P43W	55.5	130.8	GGGG			51	25
2507-18193	00000/0000	2-10019/0918	06/12/76	90	7070	4841N	12321W	56.1	128.5	GGGG			51	26
2507-18200	00000/0000	2-10019/0919	06/12/76	80	7070	4716N	12358W	56.7	126.1	GGGG			51	27
2507-21390	00000/0000	2-10019/1018	06/12/76	50	7072	7151N	15456W	41.1	167.8	G			87	9
2507-21392	00000/0000	2-10019/1019	06/12/76	60	7072	7034N	15712W	42.1	164.9	GGGG			87	10
2507-21395	00000/0000	2-10019/1020	06/12/76	50	7072	6917N	15912W	43.2	162.2	GGGG			87	11
2507-21404	00000/0000	2-10019/1021	06/12/76	10	7072	6638N	16238W	45.2	157.2	GGGF			87	13
2507-21410	00000/0000	2-10019/1022	06/12/76	0	7072	6518N	16407W	46.2	154.9	GGGF			87	14
2507-21413	00000/0000	2-10019/1023	06/12/76	0	7072	6357N	16527W	47.2	152.6	GGGF			87	15
2507-21415	00000/0000	2-10019/1024	06/12/76	0	7072	6236N	16640W	48.2	150.4	GGGG			87	16
2507-21422	00000/0000	2-10019/1025	06/12/76	10	7072	6114N	16746W	49.1	148.3	GGGG			87	17
2507-21424	00000/0000	2-10019/1026	06/12/76	0	7072	5951N	16848W	50.0	146.1	GGGG			87	18
2507-21431	00000/0000	2-10019/1027	06/12/76	0	7072	5828N	16945W	50.9	144.0	GGGG			87	19
2507-21433	00000/0000	2-10019/1028	06/12/76	10	7072	5705N	17038W	51.7	141.9	GGGG			87	20
2507-21440	00000/0000	2-10019/1029	06/12/76	30	7072	5542N	17129W	52.5	139.7	GGGG			87	21
2507-21442	00000/0000	2-10019/1030	06/12/76	90	7072	5418N	17216W	53.3	137.5	GGGG			87	22
2507-21445	00000/0000	2-10019/1031	06/12/76	90	7072	5253N	17301W	54.1	135.3	GGGG			87	23
2507-21451	00000/0000	2-10019/1032	06/12/76	90	7072	5129N	17343W	54.8	133.1	GGGG			87	24
2508-14584	00000/0000	2-10019/0900	06/13/76	90	7082	4840N	07310W	56.1	128.4	GFGG			16	26
2508-14591	00000/0000	2-10019/0901	06/13/76	90	7082	4715N	07346W	56.7	126.0	GGGG			16	27
2508-14593	00000/0000	2-10019/0902	06/13/76	40	7082	4549N	07422W	57.2	123.6	GFGG			16	28
2508-15000	00000/0000	2-10019/0903	06/13/76	10	7082	4425N	07455W	57.7	121.1	GFGG			16	29
2508-15002	00000/0000	2-10019/0904	06/13/76	10	7082	4259N	07528W	58.1	118.6	GGGG			16	30
2508-15005	00000/0000	2-10019/0905	06/13/76	50	7082	4134N	07559W	58.5	116.0	GGGG			16	31
2508-15011	00000/0000	2-10019/0906	06/13/76	80	7082	4009N	07628W	58.8	113.4	GGGG			16	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD, NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0175

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE RBV	QUAL MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2508-15014	00000/0000	2-10019/0907	06/13/76	60	7082	3844N	07457W	59.1	110.8		GGGG			16	33
2508-15020	00000/0000	2-10019/0908	06/13/76	80	7082	3718N	07724W	59.3	108.2		GGGG			16	34
2508-15023	00000/0000	2-10019/0909	06/13/76	90	7082	3553N	07750W	59.5	105.5		FGGG			16	35
2508-15025	00000/0000	2-10019/0910	06/13/76	30	7082	3428N	07816W	59.5	102.9		GGGG			16	36
2508-15032	00000/0000	2-10019/0911	06/13/76	10	7082	3303N	07842W	59.6	100.2		GFFG			16	37
2508-15034	00000/0000	2-10019/0912	06/13/76	10	7082	3137N	07907W	59.5	97.6		FFGG			16	38
2508-15041	00000/0000	2-10019/0913	06/13/76	20	7082	3012N	07932W	59.4	95.0		GFGG			16	39
2508-15043	00000/0000	2-10019/0914	06/13/76	20	7082	2846N	07957W	59.2	92.4		GFGG			16	40
2508-15050	00000/0000	2-10019/0915	06/13/76	30	7082	2719N	08021W	59.0	89.8		GGGG			16	41
2508-15052	00000/0000	2-10019/0916	06/13/76	40	7082	2553N	08044W	58.7	87.3		GFGG			16	42
2508-16413	00000/0000	2-10019/0999	06/13/76	90	7083	5004N	09822W	55.5	130.7		GGGG			34	25
2508-16420	00000/0000	2-10019/0800	06/13/76	100	7083	4840N	09900W	56.1	128.4		GGGG			34	26
2508-16422	00000/0000	2-10019/0801	06/13/76	60	7083	4715N	09936W	56.7	126.0		GGGG			34	27
2508-16425	00000/0000	2-10019/0802	06/13/76	0	7083	4551N	10011W	57.2	123.6		GGGG			34	28
2508-16431	00000/0000	2-10019/0803	06/13/76	10	7083	4426N	10045W	57.7	121.1		GGGG			34	29
2508-16434	00000/0000	2-10019/0804	06/13/76	20	7083	4301N	10117W	58.1	118.6		GGGG			34	30
2508-16440	00000/0000	2-10019/0805	06/13/76	10	7083	4175N	10148W	58.5	116.0		GGGG			34	31
2508-16443	00000/0000	2-10019/0806	06/13/76	0	7083	4010N	10218W	58.8	113.4		GGGG			34	32
2508-16445	00000/0000	2-10019/0807	06/13/76	0	7083	3845N	10247W	59.1	110.8		GGGG			34	33
2508-16452	00000/0000	2-10019/0808	06/13/76	0	7083	3720N	10315W	59.3	108.2		GGGG			34	34
2508-16454	00000/0000	2-10019/0809	06/13/76	0	7083	3554N	10342W	59.5	105.5		GGGG			34	35
2508-16461	00000/0000	2-10019/0810	06/13/76	10	7083	3428N	10409W	59.5	102.9		GGGG			34	36
2508-16463	00000/0000	2-10019/0811	06/13/76	20	7083	3301N	10434W	59.6	100.2		GGGG			34	37
2508-16470	00000/0000	2-10019/0812	06/13/76	10	7083	3136N	10500W	59.5	97.6		GGGG			34	38
2508-16472	00000/0000	2-10019/0813	06/13/76	10	7083	3010N	10524W	59.4	94.9		GGGG			34	39
2508-16475	00000/0000	2-10019/0814	06/13/76	10	7083	2844N	10548W	59.2	92.4		GFGG			34	40
2508-18245	00000/0000	2-10019/0920	06/13/76	10	7084	5004N	12411W	55.5	130.7		GFFG			52	25
2508-18251	00000/0000	2-10019/0921	06/13/76	30	7084	4840N	12449W	56.1	128.3		GFFG			52	26
2508-20024	00000/0000	2-10019/1033	06/13/76	0	7085	6755N	13643W	44.3	159.4		GGGG			70	12
2508-20031	00000/0000	2-10019/1034	06/13/76	10	7085	6635N	13819W	45.3	157.0		GGGG			70	13
2508-20033	00000/0000	2-10019/1035	06/13/76	10	7085	6514N	13947W	46.3	154.7		GGGG			70	14
2508-20040	00000/0000	2-10019/1036	06/13/76	10	7085	6353N	14106W	47.3	152.4		GGGG			70	15
2508-20042	00000/0000	2-10019/1037	06/13/76	20	7085	6232N	14219W	48.2	150.2		GGGG			70	16
2508-20045	00000/0000	2-10019/1038	06/13/76	60	7085	6109N	14326W	49.2	148.1		GGGG			70	17
2508-20051	00000/0000	2-10019/1039	06/13/76	90	7085	5947N	14428W	50.1	145.9		GGGG			70	18
2508-20054	00000/0000	2-10019/1040	06/13/76	80	7085	5824N	14525W	50.9	143.8		GGGG			70	19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0176

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RAW NUMBER
2508-20060	00000/0000	2-10019/1041	06/13/76	90	7085	5701N	14619W	51.8	141.7	GGGG			70	20
2508-21444	00000/0000	2-10019/1042	06/13/76	20	7086	7152N	15414W	41.1	167.8	GGGG			88	9
2508-21450	00000/0000	2-10019/1043	06/13/76	20	7086	7036N	15R31W	42.2	164.9	GGGG			88	10
2508-21453	00000/0000	2-10019/1044	06/13/76	30	7086	6919N	16033W	43.2	162.1	GGGG			88	11
2508-21455	00000/0000	2-10019/1045	06/13/76	20	7086	6800N	16P22W	44.2	159.6	GGGG			88	12
2508-21462	00000/0000	2-10019/1046	06/13/76	17	7086	6640N	16400W	45.2	157.2	GGGG			88	13
2508-21464	00000/0000	2-10019/1047	06/13/76	10	7086	6520N	16528W	46.2	154.8	GGGG			88	14
2508-21471	00000/0000	2-10019/1048	06/13/76	10	7086	6400N	16647W	47.2	152.6	GGGG			88	15
2508-21473	00000/0000	2-10019/1049	06/13/76	20	7086	6238N	16R01W	48.2	150.4	GGGG			88	16
2508-21480	00000/0000	2-10019/1050	06/13/76	20	7086	6116N	16908W	49.1	148.2	GGGG			88	17
2508-21482	00000/0000	2-10019/1051	06/13/76	10	7086	5953N	17010W	50.0	146.1	GGGG			88	18
2508-21485	00000/0000	2-10019/1052	06/13/76	30	7086	5830N	17108W	50.9	143.9	GGGG			88	19
2508-21491	00000/0000	2-10019/1053	06/13/76	70	7086	5707N	17202W	51.7	141.8	GGGG			88	20
2508-21494	00000/0000	2-10019/1054	06/13/76	90	7086	5544N	17252W	52.5	139.6	GGGG			88	21
2508-21500	00000/0000	2-10019/1055	06/13/76	80	7086	5420N	17339W	53.3	137.5	GGGG			88	22
2508-21503	00000/0000	2-10019/1056	06/13/76	90	7086	5256N	17424W	54.1	135.3	GGGG			88	23
2508-21505	00000/0000	2-10019/1057	06/13/76	90	7086	5131N	17506W	54.8	133.0	GGGG			88	24
2509-15042	00000/0000	2-10019/0922	06/14/76	30	7096	4842N	07436W	56.1	128.3	GGG			17	26
2509-15045	00000/0000	2-10019/0923	06/14/76	20	7096	4718N	07512W	56.7	125.9	GGG			17	27
2509-15051	00000/0000	2-10019/0924	06/14/76	10	7096	4552N	07547W	57.2	123.5	GGGG			17	28
2509-15054	00000/0000	2-10019/0925	06/14/76	10	7096	4426N	07620W	57.7	121.0	PGGG			17	29
2509-15060	00000/0000	2-10019/0926	06/14/76	10	7096	4301N	07653W	58.1	118.6	GGGG			17	30
2509-15063	00000/0000	2-10019/0927	06/14/76	30	7096	4136N	07724W	58.5	115.9	FGGG			17	31
2509-15065	00000/0000	2-10019/0928	06/14/76	50	7096	4012N	07753W	58.8	113.4	GGGG			17	32
2509-15072	00000/0000	2-10019/0929	06/14/76	40	7096	3846N	07822W	59.1	110.7	FGGG			17	33
2509-15074	00000/0000	2-10019/0930	06/14/76	80	7096	3720N	07850W	59.3	108.1	FGGG			17	34
2509-15081	00000/0000	2-10019/0931	06/14/76	80	7096	3555N	07916W	59.4	105.5	GGGG			17	35
2509-15083	00000/0000	2-10019/0932	06/14/76	60	7096	3429N	07942W	59.5	102.8	GGGG			17	36
2509-15090	00000/0000	2-10019/0933	06/14/76	50	7096	3304N	08009W	59.5	100.1	GGGG			17	37
2509-15092	00000/0000	2-10019/0934	06/14/76	10	7096	3128N	08034W	59.5	97.5	GGGG			17	38
2509-15095	00000/0000	2-10019/0935	06/14/76	20	7096	3013N	08059W	59.4	94.9	GFFG			17	39
2509-15101	00000/0000	2-10019/0936	06/14/76	20	7096	2846N	08124W	59.2	92.3	FGGG			17	40
2509-15110	00000/0000	2-10019/0937	06/14/76	40	7096	2720N	08147W	59.0	89.8	FGGG			17	41
2509-15114	00000/0000	2-10019/0938	06/14/76	10	7096	2554N	08210W	58.7	87.3	GGGG			17	42
2509-15113	00000/0000	2-10019/0939	06/14/76	20	7096	2429N	08233W	58.3	84.9	GGGG			17	43
2509-16471	00000/0000	2-10019/0940	06/14/76	90	7097	5006N	09948W	55.5	130.6	GGGG			35	25

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0177

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SPLIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SPLIT PATH NUMBER	FRAME ROW NUMBER
2509-16474	00000/0000	2-10019/0941	06/14/76	100	7097	4841N	10025W	56.1	128.3	GGGG			35	26
2509-16480	00000/0000	2-10019/0942	06/14/76	90	7097	4717N	10102W	56.7	125.9	GGGG			35	27
2509-16483	00000/0000	2-10019/0943	06/14/76	90	7097	4552N	10137W	57.2	123.5	GGGG			35	28
2509-16485	00000/0000	2-10019/0944	06/14/76	100	7097	4427N	10210W	57.7	121.0	GGGG			35	29
2509-16492	00000/0000	2-10019/0945	06/14/76	90	7097	4302N	10243W	58.1	118.5	GGGG			35	30
2509-16494	00000/0000	2-10019/0946	06/14/76	50	7097	4127N	10313W	58.5	115.9	GGGF			35	31
2509-16501	00000/0000	2-10019/0947	06/14/76	20	7097	4012N	10343W	58.8	113.4	GGGG			35	32
2509-16503	00000/0000	2-10019/0948	06/14/76	20	7097	3846N	10412W	59.1	110.7	FGFG			35	33
2509-16510	00000/0000	2-10019/0949	06/14/76	10	7097	3721N	10441W	59.3	108.1	FGGG			35	34
2509-16512	00000/0000	2-10019/0950	06/14/76	10	7097	3555N	10508W	59.4	105.4	GGGG			35	35
2509-16515	00000/0000	2-10019/0951	06/14/76	0	7097	3429N	10535W	59.5	102.8	GGGG			35	36
2509-16521	00000/0000	2-10019/0952	06/14/76	0	7097	3303N	10600W	59.5	100.1	GGGG			35	37
2509-16524	00000/0000	2-10019/0953	06/14/76	0	7097	3137N	10624W	59.5	97.5	GGGG			35	38
2509-16530	00000/0000	2-10019/0954	06/14/76	10	7097	3012N	10649W	59.4	94.9	GGGG			35	39
2509-20082	00000/0000	2-10019/0975	06/14/76	10	7099	6759N	13801W	44.3	159.5	GGGG			71	12
2509-20085	00000/0000	2-10019/0976	06/14/76	10	7099	6639N	13938W	45.3	157.0	FGGG			71	13
2509-20091	00000/0000	2-10019/0977	06/14/76	10	7099	6518N	14106W	46.3	154.7	GGGG			71	14
2509-20094	00000/0000	2-10019/0978	06/14/76	10	7099	6358N	14225W	47.3	152.5	GGGG			71	15
2509-20100	00000/0000	2-10019/0979	06/14/76	10	7099	6236N	14338W	48.2	150.3	GGGG			71	16
2509-20103	00000/0000	2-10019/0980	06/14/76	10	7099	6114N	14445W	49.1	148.1	GGGG			71	17
2509-20105	00000/0000	2-10019/0981	06/14/76	20	7099	5952N	14547W	50.0	145.9	GGGG			71	18
2509-20112	00000/0000	2-10019/0982	06/14/76	90	7099	5829N	14646W	50.9	143.8	GGGG			71	19
2509-20114	00000/0000	2-10019/0983	06/14/76	90	7099	5705N	14739W	51.8	141.7	GGGG			71	20
2509-21502	00000/0000	2-10019/0984	06/14/76	90	7100	7150N	15747W	41.2	167.7	FGGG			89	9
2509-21505	00000/0000	2-10019/0985	06/14/76	80	7100	7034N	16003W	42.2	164.7	GGGG			89	10
2509-21511	00000/0000	2-10019/0986	06/14/76	70	7100	6917N	16203W	43.3	162.0	GGGG			89	11
2509-21514	00000/0000	2-10019/0987	06/14/76	30	7100	6759N	16352W	44.3	159.4	FGGG			89	12
2509-21520	00000/0000	2-10019/0988	06/14/76	30	7100	6639N	16529W	45.3	157.0	GGGG			89	13
2509-21523	00000/0000	2-10019/0989	06/14/76	10	7100	6519N	16657W	46.3	154.7	GGGG			89	14
2509-21525	00000/0000	2-10019/0990	06/14/76	10	7100	6357N	16817W	47.3	152.4	GGGG			89	15
2509-21532	00000/0000	2-10019/0991	06/14/76	10	7100	6235N	16929W	48.2	150.2	GGGG			89	16
2509-21534	00000/0000	2-10019/0992	06/14/76	70	7100	6113N	17035W	49.1	148.1	GGGG			89	17
2509-21541	00000/0000	2-10019/0993	06/14/76	90	7100	5951N	17136W	50.1	145.9	GGGG			89	18
2509-21543	00000/0000	2-10019/0994	06/14/76	80	7100	5829N	17233W	50.9	143.8	GGGG			89	19
2509-21550	00000/0000	2-10019/0995	06/14/76	80	7100	5705N	17327W	51.8	141.6	GGGG			89	20
2509-21552	00000/0000	2-10019/0996	06/14/76	90	7100	5542N	17417W	52.6	139.5	GGGG			89	21

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0178

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER PERCENT	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2509-21555	00000/0000 2-10019/0997	06/14/76	90	7100	5418N	17505W	53.4	137.3	GGGG			89	22
2509-21561	00000/0000 2-10019/0998	06/14/76	90	7100	5254N	17550W	54.1	136.1	GGFF			89	23
2509-21564	00000/0000 2-10019/0999	06/14/76	90	7100	5130N	17632W	54.8	132.8	GGFG			89	24
2510-15101	00000/0000 2-10019/1000	06/15/76	10	7110	4841N	07602W	56.1	128.1	FGGG			18	26
2510-15103	00000/0000 2-10019/1001	06/15/76	20	7110	4716N	07639W	56.7	125.7	GGGG			18	27
2510-15110	00000/0000 2-10019/1002	06/15/76	10	7110	4551N	07714W	57.2	123.3	FGGG			18	28
2510-15112	00000/0000 2-10019/1003	06/15/76	10	7110	4427N	07747W	57.7	120.8	GGGG			18	29
2510-15115	00000/0000 2-10019/1004	06/15/76	10	7110	4302N	07819W	58.1	118.3	GGGG			18	30
2510-15121	00000/0000 2-10019/1005	06/15/76	30	7110	4136N	07850W	58.5	115.8	GGGG			18	31
2510-15124	00000/0000 2-10019/1006	06/15/76	50	7110	4010N	07919W	58.8	113.2	GGGG			18	32
2510-15130	00000/0000 2-10019/1007	06/15/76	50	7110	3845N	07948W	59.1	110.6	GGGG			18	33
2510-15133	00000/0000 2-10019/1008	06/15/76	60	7110	3720N	08016W	59.3	107.9	GGGG			18	34
2510-15135	00000/0000 2-10019/1009	06/15/76	30	7110	3554N	08043W	59.4	105.3	GGGG			18	35
2510-15142	00000/0000 2-10019/1010	06/15/76	60	7110	3428N	08110W	59.5	102.6	GGGG			18	36
2510-15144	00000/0000 2-10019/1011	06/15/76	70	7110	3303N	08136W	59.5	100.0	GGGG			18	37
2510-15151	00000/0000 2-10019/1012	06/15/76	80	7110	3138N	08201W	59.4	97.3	GGGG			18	38
2510-15153	00000/0000 2-10019/1013	06/15/76	70	7110	3012N	08225W	59.3	94.7	GGGG			18	39
2510-15160	00000/0000 2-10019/1014	06/15/76	30	7110	2846N	08250W	59.2	92.2	GGGG			18	40
2510-15162	00000/0000 2-10019/1015	06/15/76	10	7110	2720N	08314W	58.9	89.6	GGGG			18	41
2510-15165	00000/0000 2-10019/1016	06/15/76	40	7110	2554N	08337W	58.6	87.1	GGGG			18	42
2510-15171	00000/0000 2-10019/1017	06/15/76	10	7110	2427N	08400W	58.3	84.7	GGGF			18	43
2510-16541	00000/0000 2-10019/1058	06/15/76	30	7111	4551N	10303W	57.2	123.3	GGGG			36	28
2510-16544	00000/0000 2-10019/1059	06/15/76	20	7111	4426N	10337W	57.7	120.8	GGGG			36	29
2510-16550	00000/0000 2-10019/1060	06/15/76	30	7111	4301N	10408W	58.1	118.3	GGGG			36	30
2510-16553	00000/0000 2-10019/1061	06/15/76	30	7111	4136N	10439W	58.5	115.8	FGGG			36	31
2510-16555	00000/0000 2-10019/1062	06/15/76	30	7111	4010N	10509W	58.8	113.2	GGGG			36	32
2510-16562	00000/0000 2-10019/1063	06/15/76	50	7111	3845N	10538W	59.1	110.6	GGGG			36	33
2510-16564	00000/0000 2-10019/1064	06/15/76	10	7111	3719N	10607W	59.3	107.9	GGGG			36	34
2510-16571	00000/0000 2-10019/1065	06/15/76	0	7111	3553N	10634W	59.4	105.3	GGGG			36	35
2510-16573	00000/0000 2-10019/1066	06/15/76	0	7111	3428N	10700W	59.5	102.6	FGGG			36	36
2510-16580	00000/0000 2-10019/1067	06/15/76	0	7111	3302N	10726W	59.5	100.0	GGGG			36	37
2510-16582	00000/0000 2-10019/1068	06/15/76	10	7111	3136N	10751W	59.4	97.3	GGGG			36	38
2510-16585	00000/0000 2-10019/1069	06/15/76	30	7111	3010N	10816W	59.3	94.7	GGGG			36	39
2510-20134	00000/0000 2-10019/1070	06/15/76	40	7113	6916N	13746W	43.3	161.9	FGGG			72	11
2510-20140	00000/0000 2-10019/1071	06/15/76	30	7113	6758N	13933W	44.3	159.3	FGGG			72	12
2510-20143	00000/0000 2-10019/1072	06/15/76	20	7113	6638N	14110W	45.3	156.9	GGGG			72	13

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD, NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0179

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2510-20145	00000/0000	2-10019/1073	06/15/76	40	7113	6517N	14237W	46.3	154.6	GGGG			72	14
2510-20152	00000/0000	2-10019/1074	06/15/76	30	7113	6356N	14357W	47.3	152.3	GGGG			72	15
2510-20154	00000/0000	2-10019/1075	06/15/76	10	7113	6235N	14510W	48.3	150.1	GGGG			72	16
2510-20161	00000/0000	2-10019/1076	06/15/76	20	7113	6112N	14617W	49.2	148.0	GGGG			72	17
2510-20163	00000/0000	2-10019/1077	06/15/76	70	7113	5950N	14719W	50.1	145.8	GGGG			72	18
2510-20170	00000/0000	2-10019/1078	06/15/76	90	7113	5827N	14816W	51.0	143.7	GGGG			72	19
2510-20172	00000/0000	2-10019/1079	06/15/76	90	7113	5704N	14909W	51.8	141.5	GGGG			72	20
2510-21561	00000/0000	2-10019/1080	06/15/76	30	7114	7149N	15814W	41.2	167.5	GGGG			90	9
2510-21563	00000/0000	2-10019/1081	06/15/76	10	7114	7033N	16131W	42.3	164.6	GGGG			90	10
2510-21570	00000/0000	2-10019/1082	06/15/76	10	7114	6915N	16331W	43.3	161.9	GGGG			90	11
2510-21572	00000/0000	2-10019/1083	06/15/76	10	7114	6757N	16519W	44.3	159.3	GGGG			90	12
2510-21575	00000/0000	2-10019/1084	06/15/76	10	7114	6637N	16655W	45.4	156.9	GGGG			90	13
2510-21581	00000/0000	2-10019/1085	06/15/76	20	7114	6517N	16823W	46.3	154.6	GGGG			90	14
2510-21584	00000/0000	2-10019/1086	06/15/76	40	7114	6356N	16943W	47.3	152.3	GGGG			90	15
2510-21590	00000/0000	2-10019/1087	06/15/76	70	7114	6234N	17056W	48.3	150.1	GGGG			90	16
2510-21593	00000/0000	2-10019/1088	06/15/76	70	7114	6113N	17202W	49.2	147.9	GGGG			90	17
2510-21595	00000/0000	2-10019/1089	06/15/76	90	7114	5950N	17305W	50.1	145.8	GGGG			90	18
2510-22002	00000/0000	2-10019/1090	06/15/76	90	7114	5827N	17403W	51.0	143.6	GGGG			90	19
2510-22004	00000/0000	2-10019/1091	06/15/76	90	7114	5704N	17456W	51.8	141.5	GGGG			90	20
2510-22011	00000/0000	2-10019/1092	06/15/76	90	7114	5541N	17545W	52.6	139.3	GGGG			90	21
2510-22013	00000/0000	2-10019/1093	06/15/76	90	7114	5417N	17632W	53.4	137.1	GGGG			90	22
2510-22020	00000/0000	2-10019/1094	06/15/76	90	7114	5253N	17716W	54.1	134.9	GGGG			90	23
2510-22022	00000/0000	2-10019/1095	06/15/76	90	7114	5128N	17758W	54.8	132.7	GGGG			90	24
2511-15155	00000/0000	2-10019/1096	06/16/76	80	7124	4839N	07730W	56.1	128.0	GGGG			19	26
2511-15161	00000/0000	2-10019/1097	06/16/76	90	7124	4715N	07806W	56.7	125.6	GGGG			19	27
2511-15164	00000/0000	2-10019/1098	06/16/76	80	7124	4550N	07841W	57.2	123.1	GGGG			19	28
2511-15170	00000/0000	2-10019/1099	06/16/76	90	7124	4425N	07914W	57.7	120.7	GGGG			19	29
2511-15173	00000/0000	2-10019/1100	06/16/76	90	7124	4300N	07946W	58.1	118.2	GGGG			19	30
2511-15175	00000/0000	2-10019/1101	06/16/76	90	7124	4135N	08017W	58.5	115.6	GGGG			19	31
2511-15182	00000/0000	2-10019/1102	06/16/76	90	7124	4009N	08047W	58.8	113.0	GGGG			19	32
2511-15184	00000/0000	2-10019/1103	06/16/76	90	7124	3844N	08115W	59.1	110.4	GGGG			19	33
2511-15191	00000/0000	2-10019/1104	06/16/76	90	7124	3719N	08143W	59.3	107.8	GGGG			19	34
2511-15193	00000/0000	2-10019/1105	06/16/76	90	7124	3553N	08210W	59.4	105.1	GGGG			19	35
2511-15200	00000/0000	2-10019/1106	06/16/76	80	7124	3428N	08236W	59.5	102.5	GGGG			19	36
2511-15202	00000/0000	2-10019/1107	06/16/76	70	7124	3302N	08302W	59.5	99.8	GGGG			19	37
2511-15205	00000/0000	2-10019/1108	06/16/76	80	7124	3136N	08327W	59.4	97.2	GGGG			19	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0180

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV	MSS MSS	MSS DATA	MSS IMAGE	ORBIT PATH NUMBER	FRAME RBW NUMBER
									123	45678	MODE	GAIN		
2511-15211	00000/0000	2-10019/1109	06/16/76	70	7124	3011N	08351W	59.3	94.6	GGGG			19	39
2511-15214	00000/0000	2-10019/1110	06/16/76	60	7124	2844N	08415W	59.1	92.0	GGGG			19	40
2511-15220	00000/0000	2-10019/1111	06/16/76	30	7124	2718N	08439W	58.9	89.5	GGGG			19	41
2511-16584	00000/0000	2-10019/1128	06/16/76	90	7125	5004N	10240W	55.5	130.3	GGGG			37	25
2511-16591	00000/0000	2-10019/1129	06/16/76	90	7125	4839N	10318W	56.1	127.9	GGGG			37	26
2511-16593	00000/0000	2-10019/1130	06/16/76	90	7125	4714N	10354W	56.7	125.6	GGGG			37	27
2511-17000	00000/0000	2-10019/1131	06/16/76	90	7125	4549N	10429W	57.2	123.1	GGGG			37	28
2511-17002	00000/0000	2-10019/1132	06/16/76	60	7125	4424N	10502W	57.7	120.7	GGGG			37	29
2511-17005	00000/0000	2-10019/1133	06/16/76	80	7125	4259N	10533W	58.1	118.2	GGGG			37	30
2511-17011	00000/0000	2-10019/1134	06/16/76	80	7125	4134N	10604W	58.5	115.6	GGGG			37	31
2511-17014	00000/0000	2-10019/1135	06/16/76	60	7125	4009N	10634W	58.8	113.0	GGGG			37	32
2511-17020	00000/0000	2-10019/1136	06/16/76	50	7125	3844N	10703W	59.1	110.4	GGGG			37	33
2511-17023	00000/0000	2-10019/1137	06/16/76	20	7125	3718N	10731W	59.3	107.8	GGGG			37	34
2511-17025	00000/0000	2-10019/1138	06/16/76	10	7125	3553N	10758W	59.4	105.1	GGGG			37	35
2511-17032	00000/0000	2-10019/1139	06/16/76	0	7125	3427N	10825W	59.5	102.5	GGGG			37	36
2511-17034	00000/0000	2-10019/1140	06/16/76	0	7125	3301N	10851W	59.5	99.8	GGGG			37	37
2511-17041	00000/0000	2-10019/1141	06/16/76	10	7125	3135N	10915W	59.4	97.2	GGGG			37	38
2511-17043	00000/0000	2-10019/1142	06/16/76	10	7125	3009N	10940W	59.3	94.6	GGGG			37	39
2511-20204	00000/0000	2-10019/1143	06/16/76	30	7127	6519N	14358W	46.3	154.5	GGGG			73	14
2511-20210	00000/0000	2-10019/1144	06/16/76	20	7127	6358N	14518W	47.3	152.3	GGGG			73	15
2511-20213	00000/0000	2-10019/1145	06/16/76	60	7127	6236N	14630W	48.3	150.1	GGGG			73	16
2511-20215	00000/0000	2-10019/1146	06/16/76	100	7127	6115N	14737W	49.2	147.9	GGGG			73	17
2511-20222	00000/0000	2-10019/1147	06/16/76	100	7127	5953N	14839W	50.1	145.8	GGGG			73	18
2511-20224	00000/0000	2-10019/1148	06/16/76	90	7127	5829N	14938W	50.9	143.6	GGGG			73	19
2511-20231	00000/0000	2-10019/1149	06/16/76	90	7127	5706N	15032W	51.8	141.5	GGGG			73	20
2511-22015	00000/0000	2-10019/1150	06/16/76	10	7128	7151N	16041W	41.2	167.5	GGGG			91	9
2511-22021	00000/0000	2-10019/1151	06/16/76	10	7128	7034N	16258W	42.3	164.6	GGGG			91	10
2511-22030	00000/0000	2-10019/1152	06/16/76	20	7128	6758N	16646W	44.3	159.3	GGGG			91	11
2511-22033	00000/0000	2-10019/1153	06/16/76	30	7128	6639N	16822W	45.4	156.8	GGGG			91	12
2511-22035	00000/0000	2-10019/1154	06/16/76	30	7128	6518N	16950W	46.3	154.5	GGGG			91	13
2511-22042	00000/0000	2-10019/1155	06/16/76	70	7128	6357N	17110W	47.3	152.3	GGGG			91	14
2511-22080	00000/0000	2-10019/1156	06/16/76	90	7128	5129N	17927W	54.8	132.6	GGGG			91	15
2512-15213	00000/0000	2-10019/1157	06/17/76	30	7138	4841N	07855W	56.1	127.9	GGGG			20	24
2512-15220	00000/0000	2-10019/1158	06/17/76	80	7138	4717N	07932W	56.7	125.5	GGGG			20	25
2512-15222	00000/0000	2-10019/1159	06/17/76	90	7138	4552N	08007W	57.2	123.1	GGGG			20	26
2512-15225	00000/0000	2-10019/1160	06/17/76	50	7138	4426N	08040W	57.7	120.6	GGGG			20	27

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IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0181

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR., IN RBIT MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2512-15231	00000/0000	2-10019/1161	06/17/76	70	7138	4302N	08112W	58.1	118.1	GGGG			20	30
2512-15234	00000/0000	2-10019/1162	06/17/76	50	7138	4137N	08142W	58.5	115.6	GFGG			20	31
2512-15240	00000/0000	2-10019/1163	06/17/76	70	7138	4011N	08212W	58.8	113.0	GGGG			20	32
2512-15243	00000/0000	2-10019/1164	06/17/76	60	7138	3846N	08241W	59.0	110.4	GGGG			20	33
2512-15245	00000/0000	2-10019/1165	06/17/76	60	7138	3720N	08309W	59.2	107.7	GGGG			20	34
2512-15252	00000/0000	2-10019/1166	06/17/76	60	7138	3554N	08336W	59.3	105.1	GGGG			20	35
2512-15254	00000/0000	2-10019/1167	06/17/76	70	7138	3429N	08403W	59.4	102.4	GGGG			20	36
2512-15261	00000/0000	2-10019/1168	06/17/76	80	7138	3303N	08428W	59.4	99.8	GGGG			20	37
2512-15263	00000/0000	2-10019/1169	06/17/76	80	7138	3137N	08453W	59.4	97.2	GGGG			20	38
2512-15270	00000/0000	2-10019/1170	06/17/76	60	7138	3011N	08517W	59.3	94.6	GGGG			20	39
2512-15272	00000/0000	2-10019/1171	06/17/76	40	7138	2845N	08541W	59.1	92.0	GGGG			20	40
2512-15275	00000/0000	2-10019/1172	06/17/76	50	7138	2720N	08604W	58.8	89.5	GGGG			20	41
2512-17042	00000/0000	2-10019/1173	06/17/76	10	7139	5005N	10406W	55.5	130.2	GGGG			38	25
2512-17045	00000/0000	2-10019/1174	06/17/76	20	7139	4841N	10444W	56.1	127.9	FGGG			38	26
2512-17051	00000/0000	2-10019/1175	06/17/76	60	7139	4716N	10520W	56.7	125.5	GGGG			38	27
2512-17054	00000/0000	2-10019/1176	06/17/76	80	7139	4551N	10554W	57.2	123.1	GGGG			38	28
2512-17060	00000/0000	2-10019/1177	06/17/76	90	7139	4425N	10627W	57.7	120.6	GGGG			38	29
2512-17063	00000/0000	2-10019/1178	06/17/76	90	7139	4300N	10659W	58.1	118.1	GGGG			38	30
2512-17065	00000/0000	2-10019/1179	06/17/76	70	7139	4145N	10730W	58.5	115.5	GGGG			38	31
2512-17072	00000/0000	2-10019/1180	06/17/76	60	7139	4009N	10800W	58.8	113.0	GGGG			38	32
2512-17074	00000/0000	2-10019/1181	06/17/76	30	7139	3844N	10830W	59.0	110.3	GGGG			38	33
2512-17081	00000/0000	2-10019/1182	06/17/76	30	7139	3720N	10858W	59.2	107.7	GGGG			38	34
2512-17083	00000/0000	2-10019/1183	06/17/76	10	7139	3554N	10926W	59.3	105.1	GGGG			38	35
2512-17090	00000/0000	2-10019/1184	06/17/76	10	7139	3429N	10952W	59.4	102.4	GGGG			38	36
2512-17092	00000/0000	2-10019/1185	06/17/76	0	7139	3303N	11018W	59.4	99.8	GGGG			38	37
2512-20253	00000/0000	2-10019/1231	06/17/76	80	7141	6757N	14220W	44.4	159.2	GGGG			74	12
2512-20255	00000/0000	2-10019/1232	06/17/76	80	7141	6638N	14357W	45.4	156.7	GGGG			74	13
2512-20262	00000/0000	2-10019/1233	06/17/76	50	7141	6518N	14525W	46.4	154.4	FGGG			74	14
2512-20264	00000/0000	2-10019/1234	06/17/76	50	7141	6356N	14645W	47.3	152.1	GGGG			74	15
2512-20271	00000/0000	2-10019/1235	06/17/76	70	7141	6235N	14757W	48.3	149.9	GGGG			74	16
2512-20273	00000/0000	2-10019/1236	06/17/76	80	7141	6113N	14904W	49.2	147.8	GGGG			74	17
2512-20280	00000/0000	2-10019/1237	06/17/76	90	7141	5950N	15006W	50.1	145.6	GGGG			74	18
2512-20282	00000/0000	2-10019/1238	06/17/76	80	7141	5827N	15103W	51.0	143.5	GGGG			74	19
2512-20285	00000/0000	2-10019/1239	06/17/76	60	7141	5704N	15156W	51.8	141.3	GGGG			74	20
2512-20291	00000/0000	2-10019/1240	06/17/76	20	7141	5541N	15247W	52.6	139.2	FGGG			74	21
2513-15271	00000/0000	2-10019/1186	06/18/76	50	7152	4839N	08023W	56.1	127.8	GGGG			21	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0182

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2513-15272	2-10020/1269	00000/0000	06/18/76	60	7152	4835N	08025W	56.1	127.6	GGG		21	26
2513-15274	2-10019/1511	2-10019/1187	06/18/76	30	7152	4715N	08059W	56.7	125.4	FGG	GGGG	21	27
2513-15280	00000/0000	2-10019/1188	06/18/76	20	7152	4550N	08133W	57.2	122.9		FGGG	21	28
2513-15281	2-10020/1270	00000/0000	06/18/76	40	7152	4546N	08135W	57.2	122.8	GGG		21	28
2513-15283	2-10019/1512	2-10019/1189	06/18/76	10	7152	4425N	08206W	57.7	120.5	GGG	FFGG	21	29
2513-15285	00000/0000	2-10019/1190	06/18/76	10	7152	4300N	08237W	58.1	118.0		GGGG	21	30
2513-15290	2-10020/1271	00000/0000	06/18/76	10	7152	4256N	08239W	58.1	117.8	GGG		21	30
2513-15292	2-10019/1513	2-10019/1191	06/18/76	10	7152	4136N	08309W	58.4	115.4	GGG	GGGG	21	31
2513-15294	00000/0000	2-10019/1192	06/18/76	30	7152	4011N	08339W	58.7	112.8		GGFG	21	32
2513-15295	2-10020/1272	00000/0000	06/18/76	50	7152	4006N	08341W	58.8	112.7	GGG		21	32
2513-15301	2-10019/1514	2-10019/1193	06/18/76	60	7152	3845N	08408W	59.0	110.2	GGG	GGGG	21	33
2513-15303	00000/0000	2-10019/1194	06/18/76	40	7152	3719N	08437W	59.2	107.6		GGFG	21	34
2513-15304	2-10020/1273	00000/0000	06/18/76	70	7152	3714N	08437W	59.2	107.4	GGG		21	34
2513-15310	2-10019/1515	2-10019/1195	06/18/76	70	7152	3553N	08503W	59.3	104.9	GGG	FGGG	21	35
2513-15312	00000/0000	2-10019/1196	06/18/76	60	7152	3428N	08529W	59.4	102.3		GGGG	21	36
2513-15313	2-10020/1274	00000/0000	06/18/76	80	7152	3424N	08531W	59.4	102.2	FFF		21	36
2513-15315	00000/0000	2-10019/1197	06/18/76	60	7152	3302N	08555W	59.4	99.7		GGFG	21	37
2513-15321	00000/0000	2-10019/1198	06/18/76	50	7152	3136N	08620W	59.3	97.0		GGGG	21	38
2513-15324	00000/0000	2-10019/1199	06/18/76	30	7152	3011N	08645W	59.2	94.4		GGGG	21	39
2513-17101	00000/0000	2-10019/1216	06/18/76	10	7153	5005N	10531W	55.5	130.1		GGFG	39	25
2513-17103	00000/0000	2-10019/1217	06/18/76	10	7153	4840N	10609W	56.1	127.7		GGGG	39	26
2513-17110	00000/0000	2-10019/1218	06/18/76	10	7153	4715N	10646W	56.7	125.4		GGGG	39	27
2513-17112	00000/0000	2-10019/1219	06/18/76	30	7153	4550N	10721W	57.2	122.9		GGGG	39	28
2513-17115	00000/0000	2-10019/1220	06/18/76	80	7153	4425N	10754W	57.7	120.5		GGGG	39	29
2513-17121	00000/0000	2-10019/1221	06/18/76	90	7153	4259N	10826W	58.1	118.0		GGGG	39	30
2513-17124	00000/0000	2-10019/1222	06/18/76	70	7153	4134N	10857W	58.4	115.4		GGGG	39	31
2513-17130	00000/0000	2-10019/1223	06/18/76	30	7153	4009N	10927W	58.7	112.8		GGGG	39	32
2513-17133	00000/0000	2-10019/1224	06/18/76	10	7153	3844N	10956W	59.0	110.2		GGGG	39	33
2513-17135	00000/0000	2-10019/1225	06/18/76	10	7153	3719N	11024W	59.2	107.6		GGGG	39	34
2513-17142	00000/0000	2-10019/1226	06/18/76	10	7153	3553N	11051W	59.3	104.9		GGGG	39	35
2513-17144	00000/0000	2-10019/1227	06/18/76	0	7153	3427N	11118W	59.4	102.3		GGGG	39	36
2513-17151	00000/0000	2-10019/1228	06/18/76	0	7153	3301N	11143W	59.4	99.6		GGGG	39	37
2513-17153	00000/0000	2-10019/1229	06/18/76	0	7153	3136N	11208W	59.3	97.0		GGGF	39	38
2513-17160	00000/0000	2-10019/1230	06/18/76	0	7153	3010N	11233W	59.2	94.4		GGGG	39	39
2513-20302	00000/0000	2-10019/1200	06/18/76	80	7155	7036N	13958W	42.3	164.4		GGGG	75	10
2513-20305	00000/0000	2-10019/1201	06/18/76	90	7155	6918N	14159W	43.3	161.7		GGGG	75	11

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0183

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2513-20311	00000/0000 2-10019/1202	06/18/76	90	7155 6759N 14347W	44.4	159.1	GGGG			75	12
2513-20314	00000/0000 2-10019/1203	06/18/76	70	7155 6640N 14523W	45.4	156.7	GGGF			75	13
2513-20320	00000/0000 2-10019/1204	06/18/76	90	7155 6519N 14651W	46.4	154.4	GGGG			75	14
2513-20323	00000/0000 2-10019/1205	06/18/76	70	7155 6358N 14811W	47.3	152.1	GGGG			75	15
2513-20325	00000/0000 2-10019/1206	06/18/76	60	7155 6237N 14924W	48.3	149.9	GGGG			75	16
2513-20332	00000/0000 2-10019/1207	06/18/76	40	7155 6114N 15031W	49.2	147.7	GGGG			75	17
2513-20334	00000/0000 2-10019/1208	06/18/76	70	7155 5952N 15133W	50.1	145.6	GGGG			75	18
2513-20341	00000/0000 2-10019/1209	06/18/76	70	7155 5829N 15231W	51.0	143.4	GGGG			75	19
2513-20343	00000/0000 2-10019/1210	06/18/76	80	7155 5706N 15325W	51.8	141.3	GGGG			75	20
2513-20350	00000/0000 2-10019/1211	06/18/76	90	7155 5542N 15415W	52.6	139.1	GGGG			75	21
2513-22140	00000/0000 2-10019/1212	06/18/76	60	7156 6918N 16750W	43.3	161.7	GGGG			93	11
2513-22143	00000/0000 2-10019/1213	06/18/76	40	7156 6759N 16938W	44.4	159.1	GGGG			93	12
2513-22145	00000/0000 2-10019/1214	06/18/76	50	7156 6640N 17115W	45.4	156.7	GGGG			93	13
2513-22190	00000/0000 2-10019/1215	06/18/76	90	7156 5254N 17822E	54.1	134.7	GGGG			93	23
2514-15330	00000/0000 2-10019/1241	06/19/76	60	7166 4841N 08145W	56.1	127.7	FGGG			22	26
2514-15332	00000/0000 2-10019/1242	06/19/76	40	7166 4717N 08222W	56.6	125.3	GGGG			22	27
2514-15335	00000/0000 2-10019/1243	06/19/76	30	7166 4552N 08256W	57.2	122.9	GGGG			22	28
2514-15341	00000/0000 2-10019/1244	06/19/76	30	7166 4428N 08330W	57.6	120.4	GGGG			22	29
2514-15344	00000/0000 2-10019/1245	06/19/76	40	7166 4303N 08402W	58.0	117.9	GGGG			22	30
2514-15350	00000/0000 2-10019/1246	06/19/76	70	7166 4137N 08433W	58.4	115.4	GGGG			22	31
2514-15353	00000/0000 2-10019/1247	06/19/76	90	7166 4011N 08502W	58.7	112.8	GGGG			22	32
2514-15355	00000/0000 2-10019/1248	06/19/76	90	7166 3846N 08531W	59.0	110.2	GGGG			22	33
2514-15362	00000/0000 2-10019/1249	06/19/76	90	7166 3721N 08559W	59.1	107.6	GGGG			22	34
2514-15364	00000/0000 2-10019/1250	06/19/76	80	7166 3556N 08626W	59.3	104.9	GGGG			22	35
2514-15371	00000/0000 2-10019/1251	06/19/76	90	7166 3431N 08652W	59.3	102.3	GGGG			22	36
2514-15373	00000/0000 2-10019/1252	06/19/76	90	7166 3305N 08718W	59.3	99.6	GGGG			22	37
2514-15380	00000/0000 2-10019/1253	06/19/76	80	7166 3139N 08744W	59.3	97.0	GGGF			22	38
2514-15382	00000/0000 2-10019/1254	06/19/76	80	7166 3013N 08809W	59.2	94.4	GGGG			22	39
2514-15385	00000/0000 2-10019/1255	06/19/76	30	7166 2847N 08833W	59.0	91.9	GGGG			22	40
2514-15391	00000/0000 2-10019/1256	06/19/76	30	7166 2721N 08857W	58.7	89.4	GGGG			22	41
2514-17155	00000/0000 2-10019/1283	06/19/76	10	7167 5006N 10657W	55.4	130.0	GGGG			40	25
2514-17161	00000/0000 2-10019/1284	06/19/76	10	7167 4841N 10735W	56.1	127.7	GGGG			40	26
2514-17164	00000/0000 2-10019/1285	06/19/76	10	7167 4717N 10811W	56.6	125.3	GGGG			40	27
2514-17170	00000/0000 2-10019/1286	06/19/76	10	7167 4552N 10846W	57.1	122.9	GGGG			40	28
2514-17173	00000/0000 2-10019/1287	06/19/76	0	7167 4427N 10920W	57.6	120.4	GGGG			40	29
2514-17175	00000/0000 2-10019/1288	06/19/76	0	7167 4302N 10952W	58.0	117.9	GGGG			40	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0184

OBSERVATION ID	MICROFILM RELI NO./ POSITION IN RELI RBV MSS	DATE ACQUIRED	CLOUD COVER NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS DATA 123 45678 MODE	MSS GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2514-17182	00000/0000 2-10019/1289	06/19/76	0	7167	4137N	11023W	58.4 115.4	GGGG	40 31
2514-17184	00000/0000 2-10019/1290	06/19/76	0	7167	4012N	11052W	58.7 112.8	GGGG	40 32
2514-17191	00000/0000 2-10019/1291	06/19/76	10	7167	3847N	11121W	59.0 110.2	GGGG	40 33
2514-17193	00000/0000 2-10019/1292	06/19/76	10	7167	3721N	11149W	59.1 107.6	GGGG	40 34
2514-17200	00000/0000 2-10019/1293	06/19/76	10	7167	3555N	11216W	59.3 104.9	GGGG	40 35
2514-17202	00000/0000 2-10019/1294	06/19/76	0	7167	3430N	11243W	59.3 102.3	GGGG	40 36
2514-17205	00000/0000 2-10019/1295	06/19/76	0	7167	3303N	11308W	59.3 99.6	GGGG	40 37
2514-17211	00000/0000 2-10019/1296	06/19/76	0	7167	3138N	11333W	59.3 97.0	GGGG	40 38
2514-20360	00000/0000 2-10019/1297	06/19/76	80	7169	7034N	14124W	42.3 164.3	GGGG	76 10
2514-20363	00000/0000 2-10019/1258	06/19/76	60	7169	6916N	14324W	43.4 161.6	GGGG	76 11
2514-20365	00000/0000 2-10019/1259	06/19/76	60	7169	6758N	14513W	44.4 159.0	GGGG	76 12
2514-20372	00000/0000 2-10019/1260	06/19/76	60	7169	6638N	14649W	45.4 156.6	GGGG	76 13
2514-20374	00000/0000 2-10019/1261	06/19/76	70	7169	6518N	14817W	46.4 154.2	GGGG	76 14
2514-20381	00000/0000 2-10019/1262	06/19/76	80	7169	6357N	14937W	47.3 152.0	GGGG	76 15
2514-20383	00000/0000 2-10019/1263	06/19/76	50	7169	6235N	15050W	48.3 149.8	GGGG	76 16
2514-20390	00000/0000 2-10019/1264	06/19/76	30	7169	6113N	15157W	49.2 147.6	GGGG	76 17
2514-20392	00000/0000 2-10019/1265	06/19/76	30	7169	5951N	15259W	50.1 145.4	GGGG	76 18
2514-20395	00000/0000 2-10019/1266	06/19/76	40	7169	5828N	15356W	51.0 143.3	GGGG	76 19
2514-20401	00000/0000 2-10019/1267	06/19/76	50	7169	5705N	15449W	51.8 141.1	GGGG	76 20
2514-20404	00000/0000 2-10019/1268	06/19/76	60	7169	5541N	15540W	52.6 139.0	GGGG	76 21
2514-22201	00000/0000 2-10019/1269	06/19/76	70	7170	6758N	17102W	44.4 159.0	GGGG	94 12
2515-15384	00000/0000 2-10019/1112	06/20/76	10	7180	4840N	08314W	56.0 127.6	GGGG	23 26
2515-15390	00000/0000 2-10019/1113	06/20/76	0	7180	4715N	08350W	56.6 125.2	GGGG	23 27
2515-15393	00000/0000 2-10019/1114	06/20/76	0	7180	4550N	08425W	57.1 122.8	GGGG	23 28
2515-15395	00000/0000 2-10019/1115	06/20/76	0	7180	4425N	08458W	57.6 120.3	GGGG	23 29
2515-15402	00000/0000 2-10019/1116	06/20/76	10	7180	4301N	08530W	58.0 117.8	GGGG	23 30
2515-15404	00000/0000 2-10019/1117	06/20/76	10	7180	4136N	08601W	58.4 115.3	GGGG	23 31
2515-15411	00000/0000 2-10019/1118	06/20/76	10	7180	4010N	08631W	58.7 112.7	GGGG	23 32
2515-15413	00000/0000 2-10019/1119	06/20/76	40	7180	3845N	08700W	58.9 110.1	GGGG	23 33
2515-15420	00000/0000 2-10019/1120	06/20/76	30	7180	3720N	08728W	59.1 107.5	GGGG	23 34
2515-15422	00000/0000 2-10019/1121	06/20/76	10	7180	3554N	08755W	59.2 104.8	GGGG	23 35
2515-15425	00000/0000 2-10019/1122	06/20/76	30	7180	3429N	08821W	59.3 102.2	GGGG	23 36
2515-15431	00000/0000 2-10019/1123	06/20/76	20	7180	3302N	08846W	59.3 99.5	GGGG	23 37
2515-15434	00000/0000 2-10019/1124	06/20/76	20	7180	3137N	08912W	59.2 96.9	GGGG	23 38
2515-15440	00000/0000 2-10019/1125	06/20/76	50	7180	3011N	08936W	59.1 94.3	GGGG	23 39
2515-15443	00000/0000 2-10019/1126	06/20/76	80	7180	2846N	08959W	58.9 91.8	GGGG	23 40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0185

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2515-15445	00000/0000	2-10019/1127	06/20/76	50	7180	2720N	09023W	58.7	89.3	GGGG			23	41
2515-17213	00000/0000	2-10019/1297	06/20/76	10	7181	5005N	10023W	55.4	129.9	GGGG			41	25
2515-17220	00000/0000	2-10019/1298	06/20/76	20	7181	4840N	10902W	56.0	127.6	GGGG			41	26
2515-17222	00000/0000	2-10019/1299	06/20/76	50	7181	4716N	10938W	56.6	125.2	GGGG			41	27
2515-17225	00000/0000	2-10019/1300	06/20/76	60	7181	4551N	11013W	57.1	122.8	GGGG			41	28
2515-17231	00000/0000	2-10019/1301	06/20/76	30	7181	4426N	11043W	57.6	120.3	GGGG			41	29
2515-17234	00000/0000	2-10019/1302	06/20/76	10	7181	4301N	11118W	58.0	117.8	GGGG			41	30
2515-17240	00000/0000	2-10019/1303	06/20/76	10	7181	4136N	11149W	58.4	115.3	GGGG			41	31
2515-17243	00000/0000	2-10019/1304	06/20/76	20	7181	4011N	11218W	58.7	112.7	GGGG			41	32
2515-17245	00000/0000	2-10019/1305	06/20/76	10	7181	3845N	11247W	58.9	110.1	GGGG			41	33
2515-17252	00000/0000	2-10019/1306	06/20/76	10	7181	3720N	11316W	59.1	107.4	GGGG			41	34
2515-17254	00000/0000	2-10019/1307	06/20/76	10	7181	3555N	11343W	59.2	104.8	GGGG			41	35
2515-17261	00000/0000	2-10019/1308	06/20/76	10	7181	3429N	11409W	59.3	102.2	GGGG			41	36
2515-17263	00000/0000	2-10019/1309	06/20/76	10	7181	3303N	11435W	59.3	99.5	GGGG			41	37
2515-17270	00000/0000	2-10019/1310	06/20/76	10	7181	3137N	11500W	59.2	96.9	GGGG			41	38
2515-20415	00000/0000	2-10019/1270	06/20/76	60	7183	7033N	14255W	42.3	164.2	GGGG			77	10
2515-20421	00000/0000	2-10019/1271	06/20/76	70	7183	6916N	14455W	43.4	161.5	GGGG			77	11
2515-20424	00000/0000	2-10019/1272	06/20/76	70	7183	6757N	14643W	44.4	158.9	GGGG			77	12
2515-20430	00000/0000	2-10019/1273	06/20/76	40	7183	6637N	14820W	45.4	156.5	GGGG			77	13
2515-20433	00000/0000	2-10019/1274	06/20/76	50	7183	6517N	14947W	46.4	154.1	GGGG			77	14
2515-20435	00000/0000	2-10019/1275	06/20/76	60	7183	6355N	15107W	47.3	151.9	GGGG			77	15
2515-20442	00000/0000	2-10019/1276	06/20/76	50	7183	6234N	15220W	48.3	149.7	GGGG			77	16
2515-20444	00000/0000	2-10019/1277	06/20/76	80	7183	6112N	15326W	49.2	147.5	GGGG			77	17
2515-20451	00000/0000	2-10019/1278	06/20/76	30	7183	5950N	15428W	50.1	145.3	GGGG			77	18
2515-20453	00000/0000	2-10019/1279	06/20/76	60	7183	5827N	15525W	51.0	143.2	GGGG			77	19
2515-20460	00000/0000	2-10019/1280	06/20/76	60	7183	5704N	15618W	51.8	141.0	GGGG			77	20
2515-20462	00000/0000	2-10019/1281	06/20/76	100	7183	5540N	15708W	52.6	138.9	GGGG			77	21
2515-20465	00000/0000	2-10019/1282	06/20/76	90	7183	5416N	15756W	53.4	136.7	GGGG			77	22
2516-15442	00000/0000	2-10019/1323	06/21/76	0	7194	4839N	08441W	56.0	127.5	GGGG			24	26
2516-15445	00000/0000	2-10019/1324	06/21/76	0	7194	4714N	08517W	56.6	125.1	GGGG			24	27
2516-15451	00000/0000	2-10019/1325	06/21/76	10	7194	4549N	08552W	57.1	122.7	GGGG			24	28
2516-15454	00000/0000	2-10019/1326	06/21/76	20	7194	4424N	08625W	57.6	120.2	GGGG			24	29
2516-15460	00000/0000	2-10019/1327	06/21/76	70	7194	4259N	08657W	58.0	117.7	GGGG			24	30
2516-15463	00000/0000	2-10019/1328	06/21/76	90	7194	4135N	08728W	58.3	115.2	GGGG			24	31
2516-15465	00000/0000	2-10019/1329	06/21/76	90	7194	4009N	08757W	58.6	112.6	GGGG			24	32
2516-15472	00000/0000	2-10019/1330	06/21/76	90	7194	3844N	08826W	58.9	110.0	GGGG			24	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0186

OBSERVATION ID	MICROFILM POSITION IN REEL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN FLEV. AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUN ORBIT PATH NUMBER	FRAME ROW NUMBER
2516-15474	00000/0000	2-10019/1331	06/21/76	40	7194	3718N	08853W	59.1 107.4	GGGG		24	34
2516-15481	00000/0000	2-10019/1332	06/21/76	10	7194	3553N	08921W	59.2 104.7	GGGG		24	35
2516-15483	00000/0000	2-10019/1333	06/21/76	10	7194	3428N	08947W	59.2 102.1	GGGG		24	36
2516-15490	00000/0000	2-10019/1334	06/21/76	10	7194	3302N	09013W	59.2 99.5	GGGG		24	37
2516-15492	00000/0000	2-10019/1335	06/21/76	10	7194	3136N	09039W	59.2 96.9	GGGG		24	38
2516-15495	00000/0000	2-10019/1336	06/21/76	10	7194	3011N	09103W	59.1 94.3	GGGG		24	39
2516-15501	00000/0000	2-10019/1337	06/21/76	10	7194	2845N	09127W	58.9 91.7	GGGG		24	40
2516-17271	00000/0000	2-10019/1339	06/21/76	60	7195	5003N	10949W	55.4 129.8	GGGG		42	25
2516-17274	00000/0000	2-10019/1340	06/21/76	60	7195	4839N	11027W	56.0 127.5	GGGG		42	26
2516-17280	00000/0000	2-10019/1341	06/21/76	50	7195	4714N	11103W	56.6 125.1	GGGG		42	27
2516-17283	00000/0000	2-10019/1342	06/21/76	40	7195	4550N	11138W	57.1 122.7	GGGG		42	28
2516-17285	00000/0000	2-10019/1343	06/21/76	20	7195	4425N	11212W	57.6 120.2	GGGG		42	29
2516-17292	00000/0000	2-10019/1344	06/21/76	10	7195	4259N	11244W	58.0 117.7	GGGG		42	30
2516-17294	00000/0000	2-10019/1345	06/21/76	10	7195	4134N	11315W	58.3 115.1	GGGG		42	31
2516-17301	00000/0000	2-10019/1346	06/21/76	10	7195	4010N	11345W	58.6 112.6	GGGG		42	32
2516-17303	00000/0000	2-10019/1347	06/21/76	10	7195	3845N	11414W	58.9 110.0	GGGG		42	33
2516-17310	00000/0000	2-10019/1348	06/21/76	10	7195	3720N	11442W	59.1 107.3	GGGG		42	34
2516-17312	00000/0000	2-10019/1349	06/21/76	10	7195	3554N	11509W	59.2 104.7	GGGG		42	35
2516-17315	00000/0000	2-10019/1350	06/21/76	10	7195	3428N	11536W	59.2 102.1	GGGG		42	36
2516-17321	00000/0000	2-10019/1351	06/21/76	10	7195	3302N	11601W	59.2 99.5	GGGG		42	37
2516-17324	00000/0000	2-10019/1352	06/21/76	20	7195	3137N	11626W	59.2 96.9	GGGG		42	38
2516-20473	00000/0000	2-10019/1311	06/21/76	50	7197	7032N	14421W	42.4 164.1	GGGG		78	10
2516-20480	00000/0000	2-10019/1312	06/21/76	60	7197	6914N	14421W	43.4 161.3	GGGG		78	11
2516-20482	00000/0000	2-10019/1313	06/21/76	80	7197	6755N	14408W	44.4 158.8	GGGG		78	12
2516-20485	00000/0000	2-10019/1314	06/21/76	70	7197	6636N	14408W	45.4 156.4	GGGG		78	13
2516-20491	00000/0000	2-10019/1315	06/21/76	60	7197	6516N	15112W	46.4 154.0	GGGG		78	14
2516-20494	00000/0000	2-10019/1316	06/21/76	60	7197	6354N	15231W	47.3 151.8	GGGG		78	15
2516-20505	00000/0000	2-10019/1317	06/21/76	30	7197	5949N	15552W	50.1 145.2	GGGG		78	16
2516-20512	00000/0000	2-10019/1318	06/21/76	80	7197	5826N	15650W	50.9 143.1	GGGG		78	17
2516-20514	00000/0000	2-10019/1319	06/21/76	90	7197	5703N	15744W	51.8 140.9	GGGG		78	18
2516-20521	00000/0000	2-10019/1320	06/21/76	90	7197	5539N	15834W	52.6 138.7	GGGG		78	19
2516-20523	00000/0000	2-10019/1321	06/21/76	90	7197	5415N	15920W	53.3 136.5	GGGG		78	20
2516-22355	00000/0000	2-10019/1322	06/21/76	90	7198	5417N	17448E	53.3 136.6	GGGG		78	21
2517-15501	00000/0000	2-10019/1365	06/22/76	10	7208	4838N	08607W	56.0 127.4	GGGG		25	22
2517-15503	00000/0000	2-10019/1366	06/22/76	10	7208	4714N	08643W	56.6 125.0	GGGG		25	23
2517-15510	00000/0000	2-10019/1367	06/22/76	40	7208	4549N	08718W	57.1 122.6	GGGG		25	24

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0187

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA	MSS IMAGE	ORBIT PATH NUMBER	FRAME ROW NUMBER
2517-15512	00000/0000 2-10019/1368	06/22/76	80	7208	4424N	08751W	57.5	120.1	GGGG		25	29
2517-15515	00000/0000 2-10019/1369	06/22/76	90	7208	4258N	08823W	57.9	117.6	GGGG		25	30
2517-15521	00000/0000 2-10019/1370	06/22/76	80	7208	4133N	08853W	58.3	115.1	GGGG		25	31
2517-15524	00000/0000 2-10019/1371	06/22/76	90	7208	4008N	08923W	58.6	112.5	GGGG		25	32
2517-15530	00000/0000 2-10019/1372	06/22/76	70	7208	3843N	08952W	58.8	109.9	GGGG		25	33
2517-15533	00000/0000 2-10019/1373	06/22/76	60	7208	3717N	09020W	59.0	107.3	GGGG		25	34
2517-15535	00000/0000 2-10019/1374	06/22/76	40	7208	3552N	09047W	59.1	104.6	GGGG		25	35
2517-15542	00000/0000 2-10019/1375	06/22/76	10	7208	3426N	09113W	59.2	102.0	GGGG		25	36
2517-15544	00000/0000 2-10019/1376	06/22/76	20	7208	3300N	09139W	59.2	99.4	GGGG		25	37
2517-15551	00000/0000 2-10019/1377	06/22/76	20	7208	3134N	09205W	59.1	96.8	GGGG		25	38
2517-15553	00000/0000 2-10019/1378	06/22/76	70	7208	3009N	09230W	59.0	94.2	GGGG		25	39
2517-15560	00000/0000 2-10019/1379	06/22/76	50	7208	2844N	09254W	58.8	91.7	GGGG		25	40
2517-17330	00000/0000 2-10019/1385	06/22/76	90	7209	5002N	11116W	55.4	129.7	GGGG		43	25
2517-17332	00000/0000 2-10019/1386	06/22/76	80	7209	4838N	11153W	56.0	127.4	GGGG		43	26
2517-17335	00000/0000 2-10019/1387	06/22/76	90	7209	4713N	11230W	56.5	125.0	GGGG		43	27
2517-17341	00000/0000 2-10019/1388	06/22/76	90	7209	4548N	11305W	57.1	122.6	GGGG		43	28
2517-17344	00000/0000 2-10019/1389	06/22/76	80	7209	4424N	11338W	57.5	120.1	GGGG		43	29
2517-17350	00000/0000 2-10019/1390	06/22/76	20	7209	4258N	11410W	57.9	117.6	GGGG		43	30
2517-17353	00000/0000 2-10019/1391	06/22/76	10	7209	4133N	11441W	58.3	115.1	GGGG		43	31
2517-17355	00000/0000 2-10019/1392	06/22/76	60	7209	4009N	11511W	58.6	112.5	GGGG		43	32
2517-17362	00000/0000 2-10019/1393	06/22/76	70	7209	3844N	11540W	58.8	109.9	GGGG		43	33
2517-17364	00000/0000 2-10019/1394	06/22/76	20	7209	3718N	11608W	59.0	107.3	GGGG		43	34
2517-17371	00000/0000 2-10019/1395	06/22/76	10	7209	3552N	11635W	59.1	104.6	GGGG		43	35
2517-17373	00000/0000 2-10019/1396	06/22/76	0	7209	3427N	11702W	59.2	102.0	GGGG		43	36
2517-17380	00000/0000 2-10019/1397	06/22/76	10	7209	3301N	11727W	59.2	99.4	GGGG		43	37
2517-20531	00000/0000 2-10019/1411	06/22/76	80	7211	7033N	14549W	42.3	164.1	GGGG		79	10
2517-20534	00000/0000 2-10019/1412	06/22/76	70	7211	6916N	14748W	43.3	161.3	GGGG		79	11
2517-20540	00000/0000 2-10019/1413	06/22/76	70	7211	6757N	14935W	44.4	158.8	GGGG		79	12
2517-20543	00000/0000 2-10019/1414	06/22/76	70	7211	6638N	15111W	45.4	156.2	GGGG		79	13
2517-20545	00000/0000 2-10019/1415	06/22/76	90	7211	6518N	15238W	46.3	154.0	GGGG		79	14
2517-20552	00000/0000 2-10019/1416	06/22/76	70	7211	6356N	15357W	47.3	151.7	GGGG		79	15
2517-20554	00000/0000 2-10019/1417	06/22/76	80	7211	6235N	15509W	48.2	149.5	GGGG		79	16
2517-20561	00000/0000 2-10019/1418	06/22/76	60	7211	6113N	15616W	49.2	147.3	GGGG		79	17
2517-20563	00000/0000 2-10019/1419	06/22/76	60	7211	5951N	15718W	50.0	145.2	GGGG		79	18
2517-20570	00000/0000 2-10019/1420	06/22/76	80	7211	5828N	15816W	50.9	143.0	GGGG		79	19
2517-20572	00000/0000 2-10019/1421	06/22/76	90	7211	5705N	15909W	51.7	140.9	GGGG		79	20

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0188

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUN NUMBER	PRINCIPAL OF IMAGE LAT	PRINCIPAL LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2517-20575	00000/0000 2-10019/1422	06/22/76	50	7211	5542N	15958W	52.5	138.7	GGGG			79	21
2517-20581	00000/0000 2-10019/1423	06/22/76	40	7211	5418N	16044W	53.3	136.5	GGGG			79	22
2518-15555	00000/0000 2-10019/1352	06/23/76	50	7222	4841N	08732W	55.9	127.4	GGFG			26	26
2518-15561	00000/0000 2-10019/1353	06/23/76	10	7222	4717N	08808W	56.5	125.0	FGGG			26	27
2518-15564	00000/0000 2-10019/1354	06/23/76	30	7222	4551N	08843W	57.0	122.6	GGGG			26	28
2518-15570	00000/0000 2-10019/1355	06/23/76	80	7222	4426N	08917W	57.5	120.1	GGGG			26	29
2518-15573	00000/0000 2-10019/1356	06/23/76	80	7222	4302N	08949W	57.9	117.6	GGGG			26	30
2518-15575	00000/0000 2-10019/1357	06/23/76	70	7222	4137N	09020W	58.2	115.1	GGGG			26	31
2518-15582	00000/0000 2-10019/1358	06/23/76	70	7222	4011N	09049W	58.5	112.5	GGGG			26	32
2518-15584	00000/0000 2-10019/1359	06/23/76	80	7222	3845N	09118W	58.8	109.9	GGGF			26	33
2518-15591	00000/0000 2-10019/1360	06/23/76	90	7222	3719N	09145W	59.0	107.3	GGGG			26	34
2518-15593	00000/0000 2-10019/1361	06/23/76	100	7222	3553N	09212W	59.1	104.7	GGGG			26	35
2518-16000	00000/0000 2-10019/1362	06/23/76	90	7222	3428N	09238W	59.1	102.1	GGGG			26	36
2518-16002	00000/0000 2-10019/1363	06/23/76	70	7222	3303N	09304W	59.1	99.4	GGGG			26	37
2518-16005	00000/0000 2-10019/1364	06/23/76	70	7222	3138N	09330W	59.1	96.8	GGGG			26	38
2518-16011	00000/0000 2-10019/1380	06/23/76	20	7222	3012N	09355W	58.9	94.3	GGGG			26	39
2518-16014	00000/0000 2-10019/1381	06/23/76	10	7222	2847N	09419W	58.8	91.7	GGGG			26	40
2518-16020	00000/0000 2-10019/1382	06/23/76	10	7222	2721N	09442W	58.5	89.2	GGGF			26	41
2518-16023	00000/0000 2-10019/1383	06/23/76	10	7222	2555N	09505W	58.2	86.8	FG G			26	42
2518-16025	00000/0000 2-10019/1384	06/23/76	20	7222	2427N	09528W	57.9	84.4	GGGG			26	43
2518-17384	00000/0000 2-10019/1398	06/23/76	90	7223	5004N	11242W	55.3	129.7	GGGG			44	25
2518-17390	00000/0000 2-10019/1399	06/23/76	90	7223	4840N	11320W	55.9	127.4	GGGG			44	26
2518-17393	00000/0000 2-10019/1400	06/23/76	90	7223	4715N	11356W	56.5	125.0	GGGG			44	27
2518-17395	00000/0000 2-10019/1401	06/23/76	90	7223	4551N	11431W	57.0	122.6	GGGG			44	28
2518-17402	00000/0000 2-10019/1402	06/23/76	30	7223	4426N	11505W	57.5	120.1	GGGG			44	29
2518-17404	00000/0000 2-10019/1403	06/23/76	10	7223	4301N	11537W	57.9	117.6	GGGG			44	30
2518-17411	00000/0000 2-10019/1404	06/23/76	0	7223	4136N	11608W	58.2	115.1	GGGG			44	31
2518-17413	00000/0000 2-10019/1405	06/23/76	0	7223	4011N	11637W	58.5	112.5	GGGG			44	32
2518-17420	00000/0000 2-10019/1406	06/23/76	0	7223	3846N	11706W	58.8	109.9	GGGG			44	33
2518-17422	00000/0000 2-10019/1407	06/23/76	0	7223	3720N	11734W	58.9	107.3	GGGG			44	34
2518-17425	00000/0000 2-10019/1408	06/23/76	0	7223	3554N	11801W	59.1	104.7	GGGG			44	35
2518-17431	00000/0000 2-10019/1409	06/23/76	0	7223	3429N	11827W	59.1	102.1	GGGG			44	36
2518-17434	00000/0000 2-10019/1410	06/23/76	0	7223	3304N	11853W	59.1	99.4	GGGG			44	37
2519-14184	00000/0000 2-10020/0001	06/24/76	0	7235	4717N	06343W	56.4	125.0	FGGF			9	27
2519-16013	00000/0000 2-10020/0002	06/24/76	60	7236	4843N	08858W	55.9	127.4	GGGG			27	26
2519-16015	00000/0000 2-10020/0003	06/24/76	60	7236	4718N	08934W	56.4	125.0	GGGG			27	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0189

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINCIPAL OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2519-16022	00000/0000	2-10020/0004	06/24/76	90	7236	4554N	09009W	56.9	122.6	GGGG			27	28
2519-16024	00000/0000	2-10020/0005	06/24/76	90	7236	4429N	09043W	57.4	120.1	GGGG			27	29
2519-16031	00000/0000	2-10020/0006	06/24/76	100	7236	4303N	09114W	57.8	117.6	GGGG			27	30
2519-16033	00000/0000	2-10020/0007	06/24/76	100	7236	4138N	09145W	58.2	115.1	GGFG			27	31
2519-16040	00000/0000	2-10020/0008	06/24/76	90	7236	4012N	09214W	58.5	112.5	GGFG			27	32
2519-16042	00000/0000	2-10020/0009	06/24/76	90	7236	3847N	09243W	58.7	109.9	GGGG			27	33
2519-16045	00000/0000	2-10020/0010	06/24/76	70	7236	3721N	09311W	58.9	107.3	GGGG			27	34
2519-16051	00000/0000	2-10020/0011	06/24/76	80	7236	3556N	09338W	59.0	104.7	GGGG			27	35
2519-16054	00000/0000	2-10020/0012	06/24/76	90	7236	3431N	09404W	59.1	102.1	GGGG			27	36
2519-16060	00000/0000	2-10020/0013	06/24/76	70	7236	3306N	09430W	59.1	99.5	GGGG			27	37
2519-16063	00000/0000	2-10020/0014	06/24/76	60	7236	3140N	09455W	59.0	96.9	GGGG			27	38
2519-16065	00000/0000	2-10020/0015	06/24/76	60	7236	3014N	09520W	58.9	94.3	GGGG			27	39
2519-16072	00000/0000	2-10019/1424	06/24/76	40	7236	2848N	09543W	58.7	91.8	GGGG			27	40
2519-16074	00000/0000	2-10019/1425	06/24/76	40	7236	2722N	09607W	58.5	89.3	GGGG			27	41
2519-16081	00000/0000	2-10019/1426	06/24/76	40	7236	2556N	09630W	58.2	86.9	GGGG			27	42
2519-16083	00000/0000	2-10019/1427	06/24/76	50	7236	2431N	09653W	57.8	84.5	GGGG			27	43
2519-17442	00000/0000	2-10019/1428	06/24/76	80	7237	5068N	11408W	55.3	129.7	GGGG			45	25
2519-17445	00000/0000	2-10019/1429	06/24/76	80	7237	4843N	11446W	55.9	127.4	GGGG			45	26
2519-17451	00000/0000	2-10019/1430	06/24/76	80	7237	4718N	11522W	56.4	125.0	GGGG			45	27
2519-17454	00000/0000	2-10019/1431	06/24/76	60	7237	4554N	11556W	56.9	122.6	GGGG			45	28
2519-17455	00000/0000	2-10019/1432	06/24/76	40	7237	4429N	11630W	57.4	120.1	GGGG			45	29
2519-17461	00000/0000	2-10019/1433	06/24/76	10	7237	4304N	11703W	57.8	117.6	GGGG			45	30
2519-17464	00000/0000	2-10019/1434	06/24/76	0	7237	4138N	11734W	58.2	115.1	GGGG			45	31
2519-17471	00000/0000	2-10019/1435	06/24/76	0	7237	4013N	11804W	58.5	112.5	GGGG			45	32
2519-17474	00000/0000	2-10019/1436	06/24/76	0	7237	3847N	11832W	58.7	109.9	GGGG			45	33
2519-17481	00000/0000	2-10019/1437	06/24/76	0	7237	3722N	11900W	58.9	107.3	GGGG			45	34
2519-17483	00000/0000	2-10019/1438	06/24/76	0	7237	3557N	11928W	59.0	104.7	FGGF			45	35
2519-17490	00000/0000	2-10019/1439	06/24/76	0	7237	3431N	11954W	59.1	102.1	FFFF			45	36
2519-17492	00000/0000	2-10019/1440	06/24/76	0	7237	3305N	12020W	59.1	99.5	GGFG			45	37
2519-21044	00000/0000	2-10020/0016	06/24/76	60	7239	7035N	14835W	42.3	164.0	GGGG			81	10
2519-21050	00000/0000	2-10020/0017	06/24/76	60	7239	6917N	15036W	43.3	161.2	GGGG			81	11
2519-21053	00000/0000	2-10020/0018	06/24/76	80	7239	6759N	15223W	44.3	158.7	GGGG			81	12
2519-21055	00000/0000	2-10020/0019	06/24/76	90	7239	6639N	15400W	45.3	156.2	GGGG			81	13
2519-21062	00000/0000	2-10020/0020	06/24/76	90	7239	6519N	15528W	46.3	153.9	GGGG			81	14
2519-21064	00000/0000	2-10020/0021	06/24/76	80	7239	6358N	15647W	47.2	151.6	GGGG			81	15
2519-21071	00000/0000	2-10020/0022	06/24/76	90	7239	6236N	15800W	48.2	149.4	GGGG			81	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0190

OBSERVATION ID	MICROFILM RBL NR./ POSITION IN RBL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LRNG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBL NUMBER
2519-21073	00000/0000	2-10020/0023	06/24/76	60	7239	6114N	15908W	49.1	147.2				
2519-21080	00000/0000	2-10020/0024	06/24/76	40	7239	5952N	16010W	50.0	145.1	GGGG		81	17
2519-21082	00000/0000	2-10020/0025	06/24/76	60	7239	5829N	16108W	50.8	142.9	GGGG		81	18
2519-21085	00000/0000	2-10020/0026	06/24/76	80	7239	5706N	16202W	51.6	140.3	GGGG		81	19
2519-21091	00000/0000	2-10020/0027	06/24/76	70	7239	5542N	16252W	52.4	138.6	GGGG		81	20
2519-21094	00000/0000	2-10020/0028	06/24/76	80	7239	5418N	16339W	53.2	136.4	GGGG		81	21
2519-21100	00000/0000	2-10020/0029	06/24/76	90	7239	5255N	16423W	53.9	134.2	FFGG		81	22
2520-14242	00000/0000	2-10019/1455	06/25/76	100	7249	4715N	06511W	56.4	124.9	FFGG		81	23
2520-14245	00000/0000	2-10019/1456	06/25/76	90	7249	4550N	06545W	56.9	122.5	GGGG		10	27
2520-14251	00000/0000	2-10019/1457	06/25/76	100	7249	4424N	06618W	57.4	120.1	GGGG		10	28
2520-14254	00000/0000	2-10019/1458	06/25/76	100	7249	4259N	06650W	57.8	117.6	GGGG		10	29
2520-16071	00000/0000	2-10019/1459	06/25/76	100	7250	4843N	09022W	55.8	127.3	GGGG		10	30
2520-16074	00000/0000	2-10019/1460	06/25/76	100	7250	4718N	09059W	56.4	124.9	GGGG		28	26
2520-16080	00000/0000	2-10019/1461	06/25/76	70	7250	4553N	09134W	56.9	122.5	GGGG		28	27
2520-16083	00000/0000	2-10019/1462	06/25/76	20	7250	4428N	09207W	57.3	120.1	GGGG		28	28
2520-16085	00000/0000	2-10019/1463	06/25/76	0	7250	4302N	09239W	57.8	117.6	GGGG		28	29
2520-16092	00000/0000	2-10019/1464	06/25/76	0	7250	4137N	09310W	58.1	115.0	GGGG		28	30
2520-16094	00000/0000	2-10019/1465	06/25/76	0	7250	4012N	09340W	58.4	112.5	GGGG		28	31
2520-16101	00000/0000	2-10019/1466	06/25/76	0	7250	3848N	09409W	58.6	109.9	GGGG		28	32
2520-16103	00000/0000	2-10019/1467	06/25/76	10	7250	3722N	09437W	58.8	107.3	GGGG		28	33
2520-16110	00000/0000	2-10019/1468	06/25/76	60	7250	3586N	09504W	59.0	104.7	GGGG		28	34
2520-16112	00000/0000	2-10019/1469	06/25/76	80	7250	3430N	09531W	59.0	102.1	GGGG		28	35
2520-16115	00000/0000	2-10020/0041	06/25/76	80	7250	3304N	09556W	59.0	99.5	GGGG		28	36
2520-16121	00000/0000	2-10020/0042	06/25/76	80	7250	3139N	09621W	58.9	96.9	FGGF		28	37
2520-16124	00000/0000	2-10020/0043	06/25/76	60	7250	3013N	09646W	58.8	94.3	FGGF		28	38
2520-16130	00000/0000	2-10020/0044	06/25/76	50	7250	2848N	09710W	58.6	91.8	GGGG		28	39
2520-16133	00000/0000	2-10020/0045	06/25/76	50	7250	2720N	09734W	58.4	89.3	GGGG		28	40
2520-16135	00000/0000	2-10020/0046	06/25/76	40	7250	2554N	09757W	58.1	86.9	GGGG		28	41
2520-17500	00000/0000	2-10020/0030	06/25/76	90	7251	5006N	11533W	55.2	129.6	FGGF		28	42
2520-17503	00000/0000	2-10020/0031	06/25/76	90	7251	4842N	11611W	55.8	127.3	FGGF		46	25
2520-17505	00000/0000	2-10020/0032	06/25/76	80	7251	4717N	11647W	56.4	124.9	FGGF		46	26
2520-17512	00000/0000	2-10020/0033	06/25/76	60	7251	4553N	11722W	56.9	122.5	FGGF		46	27
2520-17514	00000/0000	2-10020/0034	06/25/76	20	7251	4428N	11755W	57.3	120.0	GGGG		46	28
2520-17521	00000/0000	2-10020/0035	06/25/76	10	7251	4303N	11828W	57.8	117.6	FGGG		46	29
2520-17523	00000/0000	2-10020/0036	06/25/76	0	7251	4138N	11859W	58.1	115.0	GGG		46	30
2520-17530	00000/0000	2-10020/0037	06/25/76	0	7251	4012N	11929W	58.4	112.5	GGG		46	31
												46	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK; NOT AVAILABLE: G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0191

OBSERVATION ID	MICROFILM REL. NR./ POSITION IN REL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2520-17532	00000/0000	2-10020/0038	06/25/76	10	7251	3846N	11958W	58.6	109.9	GGGG		46	33
2520-17535	00000/0000	2-10020/0039	06/25/76	20	7251	3721N	12026W	58.8	107.3	GGGG		46	34
2520-17541	00000/0000	2-10020/0040	06/25/76	10	7251	3555N	12053W	58.9	104.7	GGGG		46	35
2520-21102	00000/0000	2-10019/1441	06/25/76	100	7253	7034N	15006W	42.2	163.8	GGGG		82	10
2520-21105	00000/0000	2-10019/1442	06/25/76	20	7253	6916N	15206W	43.2	161.1	GGGG		82	11
2520-21111	00000/0000	2-10019/1443	06/25/76	30	7253	6758N	15354W	44.3	158.6	GGGG		82	12
2520-21114	00000/0000	2-10019/1444	06/25/76	40	7253	6638N	15530W	45.3	156.1	GGGG		82	13
2520-21120	00000/0000	2-10019/1445	06/25/76	50	7253	6518N	15657W	46.2	153.8	GGGG		82	14
2520-21123	00000/0000	2-10019/1446	06/25/76	60	7253	6357N	15817W	47.2	151.5	GGGG		82	15
2520-21125	00000/0000	2-10019/1447	06/25/76	70	7253	6236N	15929W	48.1	149.3	GGGG		82	16
2520-21132	00000/0000	2-10019/1448	06/25/76	80	7253	6114N	16036W	49.0	147.1	GGGG		82	17
2520-21134	00000/0000	2-10019/1449	06/25/76	90	7253	5951N	16138W	49.9	145.0	GGGG		82	18
2520-21141	00000/0000	2-10019/1450	06/25/76	10	7253	5828N	16235W	50.8	142.8	GGGG		82	19
2520-21143	00000/0000	2-10019/1451	06/25/76	20	7253	5705N	16328W	51.6	140.7	GGGG		82	20
2520-21150	00000/0000	2-10019/1452	06/25/76	30	7253	5542N	16418W	52.4	138.5	GGGG		82	21
2520-21152	00000/0000	2-10019/1453	06/25/76	40	7253	5418N	16505W	53.2	136.3	GGGG		82	22
2520-21155	00000/0000	2-10019/1454	06/25/76	50	7253	5254N	16550W	53.9	134.1	GGGG		82	23
2521-14300	00000/0000	2-10019/1475	06/26/76	60	7263	4715N	06638W	56.3	124.8	GGGG		11	27
2521-14303	00000/0000	2-10019/1476	06/26/76	70	7263	4551N	06713W	56.8	122.4	GGGG		11	28
2521-14305	00000/0000	2-10019/1477	06/26/76	80	7263	4426N	06746W	57.3	120.0	GGGG		11	29
2521-14312	00000/0000	2-10019/1478	06/26/76	90	7263	4300N	06817W	57.7	117.5	GGGG		11	30
2521-14314	00000/0000	2-10019/1479	06/26/76	10	7263	4135N	06848W	58.1	115.0	GGGG		11	31
2521-14321	00000/0000	2-10019/1480	06/26/76	20	7263	4009N	06918W	58.4	112.4	GGGG		11	32
2521-16130	00000/0000	2-10019/1481	06/26/76	30	7264	3840N	09151W	55.8	127.2	GGGG		29	26
2521-16132	00000/0000	2-10019/1482	06/26/76	40	7264	3716N	09227W	56.3	124.8	GGGG		29	27
2521-16135	00000/0000	2-10019/1483	06/26/76	50	7264	3551N	09302W	56.8	122.4	GGGG		29	28
2521-16141	00000/0000	2-10019/1484	06/26/76	60	7264	3426N	09335W	57.3	120.0	GGGG		29	29
2521-16144	00000/0000	2-10019/1485	06/26/76	70	7264	3302N	09408W	57.7	117.5	GGGG		29	30
2521-16150	00000/0000	2-10019/1486	06/26/76	80	7264	3136N	09438W	58.1	115.0	GGGG		29	31
2521-16153	00000/0000	2-10019/1487	06/26/76	90	7264	3011N	09508W	58.3	112.4	GGGG		29	32
2521-16155	00000/0000	2-10019/1488	06/26/76	10	7264	2846N	09537W	58.6	109.9	GGGG		29	33
2521-16162	00000/0000	2-10019/1489	06/26/76	20	7264	2720N	09605W	58.8	107.3	GGGG		29	34
2521-16164	00000/0000	2-10019/1490	06/26/76	30	7264	2553N	09632W	58.9	104.7	GGGG		29	35
2521-16171	00000/0000	2-10019/1491	06/26/76	40	7264	2428N	09659W	58.9	102.1	GGGG		29	36
2521-16173	00000/0000	2-10019/1492	06/26/76	50	7264	2303N	09724W	58.9	99.5	GGGG		29	37
2521-16180	00000/0000	2-10019/1470	06/26/76	60	7264	2138N	09749W	58.9	96.9	GGGG		29	38

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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0192

OBSERVATION ID	MICROFILM RELI. NO. / POSITION IN RELI. RRV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE	SUN ELEV.	SUN AZIM.	IMAGE QUAL	MSS DATA	MSS IMAGE	ORBIT PATH	FRAME ROW
					LAT LANG			123 45678	MODE	GAIN	NUMBER	NUMBER
2521-16182	00000/0000 2-10019/1471	06/26/76	50	7264	3012N	09R13W	58.8 94.3	GGGG			29	39
2521-16185	00000/0000 2-10019/1472	06/26/76	50	7264	2845N	09R37W	58.6 91.8	GGGG			29	40
2521-16191	00000/0000 2-10019/1473	06/26/76	40	7264	2720N	09R01W	58.3 89.3	GGGG			29	41
2521-16194	00000/0000 2-10019/1474	06/26/76	40	7264	2555N	09R24W	58.0 86.9	GGGG			29	42
2521-17555	00000/0000 2-10020/0047	06/26/76	80	7265	5005N	11659W	55.2 129.5	GGGG			47	25
2521-17561	00000/0000 2-10020/0048	06/26/76	40	7265	4841N	11737W	55.8 127.2	GGGG			47	26
2521-17564	00000/0000 2-10020/0049	06/26/76	0	7265	4716N	11814W	56.3 124.8	GGGG			47	27
2521-17573	00000/0000 2-10020/0050	06/26/76	0	7265	4552N	11849W	56.8 122.4	GGGG			47	28
2521-17575	00000/0000 2-10020/0051	06/26/76	10	7265	4427N	11922W	57.3 120.0	GGGG			47	29
2521-17578	00000/0000 2-10020/0052	06/26/76	0	7265	4302N	11955W	57.7 117.5	GGGG			47	30
2521-17582	00000/0000 2-10020/0053	06/26/76	20	7265	4137N	12026W	58.0 115.0	GGGG			47	31
2521-17584	00000/0000 2-10020/0054	06/26/76	0	7265	4011N	12055W	58.3 112.4	GGGG			47	32
2521-17591	00000/0000 2-10020/0055	06/26/76	10	7265	3846N	12124W	58.6 109.9	GGGG			47	33
2521-17593	00000/0000 2-10020/0056	06/26/76	10	7265	3720N	12152W	58.8 107.3	GGGG			47	34
2521-21160	00000/0000 2-10020/0066	06/26/76	90	7267	7033N	15131W	42.2 163.7	GGGG			83	10
2521-21163	00000/0000 2-10020/0067	06/26/76	80	7267	6915N	15332W	43.2 161.0	GGGG			83	11
2521-21165	00000/0000 2-10020/0068	06/26/76	90	7267	6757N	15519W	44.2 158.5	GGGG			83	12
2521-21172	00000/0000 2-10020/0069	06/26/76	90	7267	6637N	15655W	45.2 156.0	GGGG			83	13
2521-21174	00000/0000 2-10020/0070	06/26/76	70	7267	6517N	15823W	46.2 153.7	GGGG			83	14
2521-21181	00000/0000 2-10020/0071	06/26/76	30	7267	6356N	15942W	47.2 151.4	GGGG			83	15
2521-21183	00000/0000 2-10020/0072	06/26/76	20	7267	6234N	16055W	48.1 149.2	GGGG			83	16
2521-21190	00000/0000 2-10020/0073	06/26/76	40	7267	6112N	16202W	49.0 147.0	GGGG			83	17
2521-21192	00000/0000 2-10020/0074	06/26/76	80	7267	5950N	16303W	49.9 144.9	GGGG			83	18
2521-21195	00000/0000 2-10020/0075	06/26/76	90	7267	5827N	16401W	50.7 142.7	GGGG			83	19
2521-21201	00000/0000 2-10020/0076	06/26/76	90	7267	5704N	16455W	51.6 140.6	GGGG			83	20
2521-21204	00000/0000 2-10020/0077	06/26/76	90	7267	5540N	16546W	52.4 138.4	GGGG			83	21
2521-21210	00000/0000 2-10020/0078	06/26/76	90	7267	5417N	16633W	53.1 136.2	GGGG			83	22
2521-21213	00000/0000 2-10020/0079	06/26/76	90	7267	5252N	16717W	53.8 134.0	GGGG			83	23
2522-14355	00000/0000 2-10020/0057	06/27/76	90	7277	4713N	06804W	56.3 124.8	GGGG			12	27
2522-14361	00000/0000 2-10020/0058	06/27/76	90	7277	4549N	06839W	56.8 122.4	GGGG			12	28
2522-14364	00000/0000 2-10020/0059	06/27/76	90	7277	4424N	06912W	57.2 119.9	GGGG			12	29
2522-14370	00000/0000 2-10020/0060	06/27/76	90	7277	4300N	06944W	57.6 117.5	GGGG			12	30
2522-14373	00000/0000 2-10020/0061	06/27/76	80	7277	4135N	07014W	58.0 114.9	GGGG			12	31
2522-14375	00000/0000 2-10020/0062	06/27/76	30	7277	4010N	07044W	58.3 112.4	GGGG			12	32
2522-14382	00000/0000 2-10020/0063	06/27/76	30	7277	3844N	07113W	58.5 109.8	GGGG			12	33
2522-14384	00000/0000 2-10020/0064	06/27/76	60	7277	3719N	07141W	58.7 107.2	GGGG			12	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0193

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER	SUN ELEV	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LANG	SUN ELEV	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RAW NUMBER
2522-14391	00000/0000	2-10020/0065	06/27/76	80	7277	3553N	07208W	58.8	104.6	GGGG			12	35
2522-16184	00000/0000	2-10020/0091	06/27/76	10	7278	4839N	09317W	55.7	127.1	GGGG			30	26
2522-16195	00000/0000	2-10020/0092	06/27/76	10	7278	4426N	09501W	57.2	119.9	FGGG			30	29
2522-16202	00000/0000	2-10020/0093	06/27/76	10	7278	4301N	09534W	57.6	117.5	GGGG			30	30
2522-16204	00000/0000	2-10020/0094	06/27/76	50	7278	4136N	09605W	58.0	114.9	GGGG			30	31
2522-16211	00000/0000	2-10020/0095	06/27/76	50	7278	4011N	09634W	58.3	112.4	GGGG			30	32
2522-16213	00000/0000	2-10020/0096	06/27/76	40	7278	3844N	09703W	58.5	109.8	GGGG			30	33
2522-16220	00000/0000	2-10020/0097	06/27/76	10	7278	3718N	09731W	58.7	107.2	GGGG			30	34
2522-16222	00000/0000	2-10020/0098	06/27/76	10	7278	3554N	09758W	58.8	104.6	GGGG			30	35
2522-16225	00000/0000	2-10020/0099	06/27/76	30	7278	3429N	09824W	58.9	102.0	GGGG			30	36
2522-16231	00000/0000	2-10020/0100	06/27/76	40	7278	3302N	09850W	58.9	99.4	GGGG			30	37
2522-16234	00000/0000	2-10020/0101	06/27/76	10	7278	3136N	09915W	58.8	96.9	GGGG			30	38
2522-16240	00000/0000	2-10020/0102	06/27/76	20	7278	3011N	09939W	58.7	94.3	GGGG			30	39
2522-16243	00000/0000	2-10020/0103	06/27/76	30	7278	2844N	10003W	58.5	91.8	GGGG			30	40
2522-16245	00000/0000	2-10020/0104	06/27/76	20	7278	2718N	10027W	58.3	89.3	GGGG			30	41
2522-16252	00000/0000	2-10020/0105	06/27/76	30	7278	2553N	10050W	58.0	86.9	GGGG			30	42
2522-18013	00000/0000	2-10020/0080	06/27/76	10	7279	5004N	11826W	55.1	129.5	GGGG			48	25
2522-18015	00000/0000	2-10020/0081	06/27/76	10	7279	4840N	11904W	55.7	127.1	GGGG			48	26
2522-18022	00000/0000	2-10020/0082	06/27/76	0	7279	4715N	11940W	56.3	124.8	GGGG			48	27
2522-18024	00000/0000	2-10020/0083	06/27/76	0	7279	4550N	12015W	56.8	122.4	GGGG			48	28
2522-18031	00000/0000	2-10020/0084	06/27/76	0	7279	4426N	12049W	57.2	119.9	GGGG			48	29
2522-18033	00000/0000	2-10020/0085	06/27/76	10	7279	4300N	12121W	57.6	117.4	GGGG			48	30
2522-18040	00000/0000	2-10020/0086	06/27/76	10	7279	4135N	12153W	58.0	114.9	GGGG			48	31
2522-18042	00000/0000	2-10020/0087	06/27/76	0	7279	4011N	12223W	58.3	112.4	FGGG			48	32
2522-18045	00000/0000	2-10020/0088	06/27/76	0	7279	3845N	12251W	58.5	109.8	GGGG			48	33
2522-18051	00000/0000	2-10020/0089	06/27/76	0	7279	3720N	12319W	58.7	107.2	GGGG			48	34
2522-18054	00000/0000	2-10020/0090	06/27/76	0	7279	3554N	12346W	58.8	104.6	GGGG			48	35
2522-19401	00000/0000	2-10020/0106	06/27/76	80	7280	6516N	13358W	46.2	153.6	GGGF			66	14
2522-19404	00000/0000	2-10020/0107	06/27/76	80	7280	6355N	13517W	47.1	151.3	GGGG			66	15
2522-19410	00000/0000	2-10020/0108	06/27/76	40	7280	6234N	13629W	48.1	149.1	GGGG			66	16
2522-19413	00000/0000	2-10020/0109	06/27/76	30	7280	6112N	13735W	49.0	147.0	GGGG			66	17
2522-19415	00000/0000	2-10020/0110	06/27/76	90	7280	5949N	13837W	49.8	144.8	GGGG			66	18
2522-19422	00000/0000	2-10020/0111	06/27/76	70	7280	5827N	13935W	50.7	142.7	GGGG			66	19
2522-21212	00000/0000	2-10020/0112	06/27/76	90	7281	7151N	15040W	41.1	166.7	GGGG			84	9
2522-21215	00000/0000	2-10020/0113	06/27/76	70	7281	7034N	15255W	42.1	163.7	GGGF			84	10
2522-21221	00000/0000	2-10020/0114	06/27/76	90	7281	6917N	15455W	43.2	161.0	GGGG			84	11

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0194

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2522-21224	00000/0000 2-10020/0115	06/27/76	90	7281	6758N	15643W	44.2	158.4	GGGF		84	12
2522-21230	00000/0000 2-10020/0116	06/27/76	70	7281	6639N	15819W	45.2	156.0	GGGG		84	13
2522-21233	00000/0000 2-10020/0117	06/27/76	40	7281	6519N	15948W	46.1	153.7	GGGG		84	14
2522-21235	00000/0000 2-10020/0118	06/27/76	40	7281	6358N	16108W	47.1	151.4	GGGG		84	15
2522-21242	00000/0000 2-10020/0119	06/27/76	10	7281	6236N	16221W	48.0	149.2	GGGG		84	16
2522-21244	00000/0000 2-10020/0120	06/27/76	30	7281	6114N	16378W	48.9	147.0	GGGG		84	17
2522-21251	00000/0000 2-10020/0121	06/27/76	80	7281	5951N	16429W	49.8	144.9	GGGG		84	18
2522-21253	00000/0000 2-10020/0122	06/27/76	90	7281	5829N	16526W	50.7	142.7	GGGG		84	19
2522-21260	00000/0000 2-10020/0123	06/27/76	90	7281	5705N	16620W	51.5	140.6	GGGG		84	20
2522-21262	00000/0000 2-10020/0124	06/27/76	100	7281	5542N	16710W	52.3	138.4	GGGG		84	21
2522-21265	00000/0000 2-10020/0125	06/27/76	90	7281	5419N	16757W	53.0	136.2	GGGG		84	22
2522-21271	00000/0000 2-10020/0126	06/27/76	90	7281	5255N	16841W	53.8	134.0	GGGG		84	23
2522-21274	00000/0000 2-10020/0127	06/27/76	90	7281	5131N	16924W	54.4	131.8	GGGG		84	24
2523-14413	00000/0000 2-10020/0162	06/28/76	90	7291	4716N	06928W	56.2	124.8	GGGG		13	27
2523-14415	00000/0000 2-10020/0163	06/28/76	40	7291	4551N	07003W	56.7	122.4	GGGG		13	28
2523-14422	00000/0000 2-10020/0164	06/28/76	50	7291	4426N	07036W	57.2	120.0	GGGG		13	29
2523-14424	00000/0000 2-10020/0165	06/28/76	20	7291	4302N	07109W	57.6	117.5	GGGG		13	30
2523-14431	00000/0000 2-10020/0166	06/28/76	40	7291	4137N	07139W	57.9	115.0	GGGG		13	31
2523-14433	00000/0000 2-10020/0167	06/28/76	40	7291	4011N	07209W	58.2	112.5	GGGG		13	32
2523-14440	00000/0000 2-10020/0168	06/28/76	10	7291	3845N	07238W	58.4	109.9	GGGG		13	33
2523-14442	00000/0000 2-10020/0169	06/28/76	10	7291	3719N	07306W	58.6	107.3	GGGG		13	34
2523-14445	00000/0000 2-10020/0170	06/28/76	20	7291	3553N	07333W	58.8	104.7	GGGG		13	35
2523-14451	00000/0000 2-10020/0171	06/28/76	90	7291	3428N	07358W	58.8	102.1	GGGG		13	36
2523-14454	00000/0000 2-10020/0172	06/28/76	90	7291	3304N	07424W	58.8	99.5	GGGG		13	37
2523-14460	00000/0000 2-10020/0173	06/28/76	30	7291	3139N	07448W	58.8	97.0	GGGG		13	38
2523-16272	00000/0000 2-10020/0128	06/28/76	50	7292	3847N	09827W	58.4	109.9	F G		31	33
2523-16274	00000/0000 2-10020/0129	06/28/76	10	7292	3721N	09856W	58.6	107.3	GGGG		31	34
2523-16281	00000/0000 2-10020/0130	06/28/76	0	7292	3556N	09923W	58.7	104.7	GGGG		31	35
2523-16283	00000/0000 2-10020/0131	06/28/76	0	7292	3431N	09949W	58.8	102.1	GGGG		31	36
2523-16290	00000/0000 2-10020/0132	06/28/76	10	7292	3305N	10015W	58.8	99.6	GGGG		31	37
2523-16292	00000/0000 2-10020/0133	06/28/76	10	7292	3138N	10040W	58.7	97.0	GGGG		31	38
2523-16295	00000/0000 2-10020/0134	06/28/76	10	7292	3012N	10104W	58.6	94.4	GGGG		31	39
2523-16301	00000/0000 2-10020/0135	06/28/76	20	7292	2846N	10129W	58.4	91.9	GGGG		31	40
2523-16304	00000/0000 2-10020/0136	06/28/76	10	7292	2700N	10152W	58.2	89.5	GGGG		31	41
2523-18071	00000/0000 2-10020/0137	06/28/76	10	7293	5006N	11952W	55.0	129.5	GGGG		49	25
2523-18074	00000/0000 2-10020/0138	06/28/76	10	7293	4841N	12030W	55.6	127.2	GGGG		49	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER,  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0195

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2523-18080	00000/0000 2-10020/0139	06/28/76	20	7293	4717N	12106W	56.2	124.8	GGGG		49	27
2523-18083	00000/0000 2-10020/0140	06/28/76	10	7293	4552N	12141W	56.7	122.4	GGGG		49	28
2523-18085	00000/0000 2-10020/0141	06/28/76	10	7293	4427N	12214W	57.1	120.0	GGGG		49	29
2523-18092	00000/0000 2-10020/0142	06/28/76	0	7293	4302N	12247W	57.5	117.5	GGGG		49	30
2523-18094	00000/0000 2-10020/0143	06/28/76	10	7293	4138N	12318W	57.9	115.0	GGGG		49	31
2523-18101	00000/0000 2-10020/0144	06/28/76	10	7293	4012N	12348W	58.2	112.5	GGGG		49	32
2523-18103	00000/0000 2-10020/0145	06/28/76	0	7293	3846N	12417W	58.4	109.9	GGGG		49	33
2523-21270	00000/0000 2-10020/0146	06/28/76	40	7295	7150N	15204W	41.0	166.6	GGGG		85	9
2523-21273	00000/0000 2-10020/0147	06/28/76	20	7295	7033N	15420W	42.1	163.6	GGGG		85	10
2523-21275	00000/0000 2-10020/0148	06/28/76	30	7295	6916N	15621W	43.1	160.9	GGGG		85	11
2523-21282	00000/0000 2-10020/0149	06/28/76	20	7295	6757N	15809W	44.1	158.3	GGGG		85	12
2523-21284	00000/0000 2-10020/0150	06/28/76	20	7295	6637N	15945W	45.1	155.9	GGGG		85	13
2523-21291	00000/0000 2-10020/0151	06/28/76	10	7295	6517N	16112W	46.1	153.6	GGGG		85	14
2523-21293	00000/0000 2-10020/0152	06/28/76	40	7295	6356N	16230W	47.0	151.3	GGGG		85	15
2523-21300	00000/0000 2-10020/0153	06/28/76	10	7295	6234N	16342W	48.0	149.1	GGGG		85	16
2523-21302	00000/0000 2-10020/0154	06/28/76	30	7295	6113N	16450W	48.9	146.9	GGGG		85	17
2523-21305	00000/0000 2-10020/0155	06/28/76	60	7295	5951N	16552W	49.8	144.8	GGGG		85	18
2523-21311	00000/0000 2-10020/0156	06/28/76	90	7295	5827N	16650W	50.6	142.7	GGGG		85	19
2523-21314	00000/0000 2-10020/0157	06/28/76	90	7295	5704N	16744W	51.4	140.5	GGGG		85	20
2523-21320	00000/0000 2-10020/0158	06/28/76	20	7295	5541N	16834W	52.2	138.3	GGGG		85	21
2523-21323	00000/0000 2-10020/0159	06/28/76	60	7295	5418N	16922W	53.0	136.2	GGGG		85	22
2523-21325	00000/0000 2-10020/0160	06/28/76	90	7295	5254N	17006W	53.7	134.0	GGGG		85	23
2523-21332	00000/0000 2-10020/0161	06/28/76	90	7295	5130N	17049W	54.4	131.7	GGFG		85	24
2524-14471	00000/0000 2-10020/0174	06/29/76	90	7305	4715N	07055W	56.1	124.8	GGGG	H	14	27
2524-14474	00000/0000 2-10020/0175	06/29/76	90	7305	4550N	07130W	56.6	122.4	GGGG	H	14	28
2524-14480	00000/0000 2-10020/0176	06/29/76	90	7305	4426N	07203W	57.1	119.9	GGGG	H	14	29
2524-14483	00000/0000 2-10020/0177	06/29/76	60	7305	4302N	07235W	57.5	117.5	GGGG	H	14	30
2524-14485	00000/0000 2-10020/0178	06/29/76	90	7305	4137N	07305W	57.8	115.0	GGGG	H	14	31
2524-14492	00000/0000 2-10020/0179	06/29/76	90	7305	4011N	07335W	58.1	112.4	GGGG	H	14	32
2524-14494	00000/0000 2-10020/0180	06/29/76	50	7305	3846N	07403W	58.4	109.9	GGGG	H	14	33
2524-14501	00000/0000 2-10020/0181	06/29/76	60	7305	3721N	07431W	58.6	107.3	GGGG	H	14	34
2524-14503	00000/0000 2-10020/0182	06/29/76	60	7305	3555N	07458W	58.7	104.7	GGGG	H	14	35
2524-14510	00000/0000 2-10020/0183	06/29/76	70	7305	3430N	07524W	58.7	102.1	GGGG	H	14	36
2524-14512	00000/0000 2-10020/0184	06/29/76	90	7305	3304N	07550W	58.7	99.6	GGGG	H	14	37
2524-14515	00000/0000 2-10020/0185	06/29/76	10	7305	3138N	07616W	58.7	97.0	GGGG	H	14	38
2524-14521	00000/0000 2-10020/0186	06/29/76	90	7305	3013N	07641W	58.6	94.5	GGGG	H	14	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0196

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RAW NUMBER	
2524-14524	00000/0000	2-10020/0187	06/29/76	70	7305	2846N	07706W	58.4	92.0	GGGG		H	14	40
2524-16300	00000/0000	2-10020/0188	06/29/76	20	7306	4840N	09608W	55.6	127.1	GGGG			32	26
2524-16303	00000/0000	2-10020/0189	06/29/76	20	7306	4715N	09644W	56.1	124.8	GGGG			32	27
2524-16305	00000/0000	2-10020/0190	06/29/76	10	7306	4551N	09719W	56.6	122.4	GGGG			32	28
2524-16312	00000/0000	2-10020/0191	06/29/76	20	7306	4427N	09752W	57.1	119.9	GGGG			32	29
2524-16314	00000/0000	2-10020/0192	06/29/76	30	7306	4301N	09824W	57.5	117.5	GGGG			32	30
2524-16321	00000/0000	2-10020/0193	06/29/76	10	7306	4136N	09855W	57.8	115.0	GGGG			32	31
2524-16323	00000/0000	2-10020/0194	06/29/76	10	7306	4011N	09924W	58.1	112.4	GGGG			32	32
2524-16330	00000/0000	2-10020/0195	06/29/76	10	7306	3844N	09953W	58.4	109.9	GGGG			32	33
2524-16332	00000/0000	2-10020/0196	06/29/76	10	7306	3719N	10021W	58.6	107.3	GGGG			32	34
2524-16335	00000/0000	2-10020/0197	06/29/76	40	7306	3554N	10048W	58.7	104.7	GGGG			32	35
2524-16341	00000/0000	2-10020/0198	06/29/76	20	7306	3428N	10114W	58.7	102.1	GGGG			32	36
2524-16344	00000/0000	2-10020/0199	06/29/76	10	7306	3301N	10140W	58.7	99.6	GGGG			32	37
2524-16350	00000/0000	2-10020/0200	06/29/76	10	7306	3135N	10205W	58.7	97.0	GGGG			32	38
2524-16353	00000/0000	2-10020/0201	06/29/76	10	7306	3011N	10230W	58.6	94.5	GGGG			32	39
2524-16355	00000/0000	2-10020/0202	06/29/76	30	7306	2845N	10254W	58.4	92.0	GGGG			32	40
2524-16362	00000/0000	2-10020/0203	06/29/76	30	7306	2719N	10318W	58.1	89.5	GGGG			32	41
2524-18125	00000/0000	2-10020/0235	06/29/76	40	7307	5005N	12119W	55.0	129.4	GGGG			50	25
2524-18132	00000/0000	2-10020/0236	06/29/76	70	7307	4841N	12157W	55.6	127.1	GFFF			50	26
2524-18134	00000/0000	2-10020/0237	06/29/76	90	7307	4716N	12233W	56.1	124.8	FGGG			50	27
2524-18141	00000/0000	2-10020/0238	06/29/76	90	7307	4551N	12308W	56.6	122.4	GGGG			50	28
2524-18143	00000/0000	2-10020/0239	06/29/76	80	7307	4426N	12341W	57.1	119.9	GFFF			50	29
2524-18150	00000/0000	2-10020/0240	06/29/76	60	7307	4302N	12413W	57.5	117.5	GGFG			50	30
2524-18152	00000/0000	2-10020/0241	06/29/76	50	7307	4137N	12444W	57.8	115.0	FGFF			50	31
2524-18155	00000/0000	2-10020/0242	06/29/76	10	7307	4011N	12514W	58.1	112.4	FFFG			50	32
2524-21325	00000/0000	2-10020/0204	06/29/76	10	7309	7149N	15331W	41.0	166.5	GFGG			86	9
2524-21331	00000/0000	2-10020/0205	06/29/76	10	7309	7032N	15549W	42.0	163.5	GGGG			86	10
2524-21334	00000/0000	2-10020/0206	06/29/76	10	7309	6915N	15750W	43.1	160.8	FGGG			86	11
2524-21340	00000/0000	2-10020/0207	06/29/76	30	7309	6756N	15937W	44.1	158.2	GGGG			86	12
2524-21343	00000/0000	2-10020/0208	06/29/76	70	7309	6637N	16114W	45.1	155.8	GGGG			86	13
2524-21345	00000/0000	2-10020/0209	06/29/76	70	7309	6517N	16241W	46.0	153.5	GGGG			86	14
2524-21352	00000/0000	2-10020/0210	06/29/76	60	7309	6356N	16401W	47.0	151.2	GGGG			86	15
2524-21354	00000/0000	2-10020/0211	06/29/76	50	7309	6234N	16513W	47.9	149.0	GGGG			86	16
2524-21361	00000/0000	2-10020/0212	06/29/76	40	7309	6112N	16619W	48.8	146.9	GGGF			86	17
2524-21363	00000/0000	2-10020/0213	06/29/76	40	7309	5949N	16721W	49.7	144.7	GGGF			86	18
2524-21370	00000/0000	2-10020/0214	06/29/76	90	7309	5826N	16819W	50.5	142.6	GGGG			86	19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0197

OBSERVATION ID	MICROFILM RBV	ROLL NR./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2524-21372	00000/0000	2-10020/0215	06/29/76	100	7309	5703N	16912W	51.4	140.4	FFGG		86	20
2524-21375	00000/0000	2-10020/0216	06/29/76	100	7309	5541N	17001W	52.2	138.3	FFGG		86	21
2524-21381	00000/0000	2-10020/0217	06/29/76	90	7309	5417N	17048W	52.9	136.1	FFGG		86	22
2524-21384	00000/0000	2-10020/0218	06/29/76	90	7309	5253N	17133W	53.6	133.9	GGFG		86	23
2524-21390	00000/0000	2-10020/0219	06/29/76	100	7309	5129N	17214W	54.3	131.7	FFFG		86	24
2525-14525	00000/0000	2-10020/0261	06/30/76	70	7319	4716N	07221W	56.0	124.8	GGGG		15	27
2525-14532	00000/0000	2-10020/0262	06/30/76	70	7319	4552N	07256W	56.5	122.4	FFGG		15	28
2525-14534	00000/0000	2-10020/0263	06/30/76	80	7319	4427N	07329W	57.0	120.0	GGGG		15	29
2525-14541	00000/0000	2-10020/0264	06/30/76	90	7319	4302N	07401W	57.4	117.5	GGGG		15	30
2525-14543	00000/0000	2-10020/0265	06/30/76	90	7319	4137N	07432W	57.8	115.0	GGGG		15	31
2525-14550	00000/0000	2-10020/0266	06/30/76	70	7319	4012N	07501W	58.1	112.5	FFGG		15	32
2525-14552	00000/0000	2-10020/0267	06/30/76	80	7319	3847N	07530W	58.3	110.0	GGGG		15	33
2525-14555	00000/0000	2-10020/0268	06/30/76	50	7319	3722N	07558W	58.5	107.4	FFGG		15	34
2525-14561	00000/0000	2-10020/0269	06/30/76	50	7319	3557N	07625W	58.6	104.8	GGGG		15	35
2525-14564	00000/0000	2-10020/0270	06/30/76	80	7319	3432N	07652W	58.7	102.2	GGGG		15	36
2525-14570	00000/0000	2-10020/0271	06/30/76	70	7319	3307N	07718W	58.7	99.7	GGGG		15	37
2525-14573	00000/0000	2-10020/0272	06/30/76	60	7319	3141N	07742W	58.6	97.1	GGGG		15	38
2525-14575	00000/0000	2-10020/0273	06/30/76	60	7319	3015N	07807W	58.5	94.6	GGGG		15	39
2525-14582	00000/0000	2-10020/0274	06/30/76	40	7319	2849N	07830W	58.3	92.1	GGGG		15	40
2525-14584	00000/0000	2-10020/0275	06/30/76	40	7319	2723N	07854W	58.1	89.6	FFFF		15	41
2525-14591	00000/0000	2-10020/0276	06/30/76	20	7319	2556N	07918W	57.8	87.2	GGFG		15	42
2525-14593	00000/0000	2-10020/0277	06/30/76	10	7319	2429N	07942W	57.4	84.9	GGGG		15	43
2525-16352	00000/0000	2-10020/0278	06/30/76	10	7320	5008N	09456W	54.9	129.5	GGGG		33	25
2525-16355	00000/0000	2-10020/0279	06/30/76	10	7320	4842N	09734W	55.5	127.2	GGGG		33	26
2525-16361	00000/0000	2-10020/0280	06/30/76	10	7320	4717N	09810W	56.0	124.8	GGGG		33	27
2525-16364	00000/0000	2-10020/0281	06/30/76	10	7320	4553N	09845W	56.5	122.4	GGGG		33	28
2525-16370	00000/0000	2-10020/0282	06/30/76	10	7320	4428N	09918W	57.0	120.0	GGGG		33	29
2525-16373	00000/0000	2-10020/0283	06/30/76	10	7320	4302N	09950W	57.4	117.5	GGGG		33	30
2525-16375	00000/0000	2-10020/0284	06/30/76	20	7320	4137N	10020W	57.7	115.1	GGGG		33	31
2525-16382	00000/0000	2-10020/0285	06/30/76	10	7320	4012N	10050W	58.0	112.5	GGGG		33	32
2525-16384	00000/0000	2-10020/0286	06/30/76	10	7320	3847N	10119W	58.3	110.0	GGGG		33	33
2525-16391	00000/0000	2-10020/0287	06/30/76	20	7320	3721N	10147W	58.5	107.4	GGGG		33	34
2525-16393	00000/0000	2-10020/0288	06/30/76	30	7320	3555N	10214W	58.6	104.8	GGGG		33	35
2525-16400	00000/0000	2-10020/0289	06/30/76	10	7320	3430N	10241W	58.7	102.3	GGGG		33	36
2525-16402	00000/0000	2-10020/0290	06/30/76	10	7320	3305N	10307W	58.7	99.7	GGGG		33	37
2525-16405	00000/0000	2-10020/0291	06/30/76	10	7320	3139N	10332W	58.6	97.1	GGGG		33	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0198

OBSERVATION ID	MICROFILM POSITION RBY	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBY MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBY NUMBER
2525-16411	00000/0000	2-10020/0292	06/30/76	10	7320	3012N	10357W	58.5	94.6	GGGG			33	39
2525-16414	00000/0000	2-10020/0293	06/30/76	20	7320	2847N	10421W	58.3	92.1	GGGG			33	40
2525-16420	00000/0000	2-10020/0294	06/30/76	50	7320	2722N	10444W	58.1	89.7	GGGG			33	41
2525-18184	00000/0000	2-10020/0311	06/30/76	80	7321	5007N	12243W	54.9	129.5	GGGG			51	25
2525-18190	00000/0000	2-10020/0312	06/30/76	70	7321	4843N	12320W	55.5	127.1	GGGG			51	26
2525-18193	00000/0000	2-10020/0313	06/30/76	80	7321	4718N	12357W	56.0	124.8	GGGG			51	27
2525-18195	00000/0000	2-10020/0314	06/30/76	70	7321	4553N	12431W	56.5	122.4	GGGG			51	28
2525-18202	00000/0000	2-10020/0315	06/30/76	50	7321	4428N	12505W	57.0	120.0	GGGG			51	29
2525-18204	00000/0000	2-10020/0316	06/30/76	50	7321	4304N	12537W	57.4	117.5	GGGG			51	30
2525-21385	00000/0000	2-10020/0317	06/30/76	90	7323	7037N	15707W	41.9	163.6	GGGG			87	10
2525-21392	00000/0000	2-10020/0318	06/30/76	90	7323	6920N	15908W	42.9	160.9	GGGG			87	11
2525-21394	00000/0000	2-10020/0319	06/30/76	90	7323	6802N	16057W	43.9	158.3	GGGG			87	12
2525-21401	00000/0000	2-10020/0320	06/30/76	100	7323	6641N	16235W	44.9	155.9	GGGG			87	13
2525-21403	00000/0000	2-10020/0321	06/30/76	80	7323	6521N	16403W	45.9	153.6	GGGG			87	14
2525-21410	00000/0000	2-10020/0322	06/30/76	20	7323	6401N	16522W	46.9	151.3	GGGG			87	15
2525-21412	00000/0000	2-10020/0323	06/30/76	10	7323	6239N	16636W	47.8	149.1	GGGG			87	16
2525-21415	00000/0000	2-10020/0324	06/30/76	0	7323	6116N	16743W	48.7	146.9	GGGG			87	17
2525-21421	00000/0000	2-10020/0325	06/30/76	20	7323	5954N	16844W	49.6	144.8	GGGG			87	18
2525-21424	00000/0000	2-10020/0326	06/30/76	90	7323	5832N	16942W	50.4	142.7	GGGG			87	19
2525-21430	00000/0000	2-10020/0327	06/30/76	100	7323	5708N	17036W	51.2	140.5	GGGG			87	20
2525-21433	00000/0000	2-10020/0328	06/30/76	100	7323	5544N	17127W	52.0	138.4	GGGG			87	21
2525-21435	00000/0000	2-10020/0329	06/30/76	90	7323	5421N	17214W	52.8	136.2	GGGG			87	22
2525-21442	00000/0000	2-10020/0330	06/30/76	90	7323	5258N	17257W	53.5	134.0	GGGG			87	23
2525-21444	00000/0000	2-10020/0331	06/30/76	90	7323	5135N	17339W	54.2	131.8	GGGG			87	24
2525-21454	00000/0000	2-10020/0332	07/01/76	90	7333	4718N	07345W	55.9	124.9	GGGG			16	27
2525-21459	00000/0000	2-10020/0333	07/01/76	70	7333	4553N	07420W	56.4	122.5	GGGG			16	28
2525-21459	00000/0000	2-10020/0334	07/01/76	60	7333	4428N	07454W	56.9	120.1	GGGG			16	29
2525-21459	00000/0000	2-10020/0335	07/01/76	70	7333	4303N	07526W	57.3	117.6	GGGG			16	30
2526-15002	00000/0000	2-10020/0336	07/01/76	60	7333	4138N	07557W	57.7	115.1	GGGG			16	31
2526-15004	00000/0000	2-10020/0337	07/01/76	40	7333	4013N	07627W	58.0	112.6	GGGG			16	32
2526-15011	00000/0000	2-10020/0338	07/01/76	30	7333	3849N	07655W	58.2	110.1	GGGG			16	33
2526-15013	00000/0000	2-10020/0339	07/01/76	30	7333	3724N	07723W	58.4	107.5	GGGG			16	34
2526-15020	00000/0000	2-10020/0340	07/01/76	50	7333	3559N	07750W	58.5	104.9	GGGG			16	35
2526-15022	00000/0000	2-10020/0341	07/01/76	80	7333	3434N	07816W	58.6	102.4	GGGG			16	36
2526-15025	00000/0000	2-10020/0342	07/01/76	80	7333	3308N	07843W	58.6	99.8	GGGG			16	37
2526-15031	00000/0000	2-10020/0343	07/01/76	70	7333	3143N	07908W	58.5	97.3	GGGG			16	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0199

OBSERVATION ID	MICROFILM REL. NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2526-15034	00000/0000 2-10020/0344	07/01/76	70	7333	3017N	07933W	58.4	94.7					
2526-15040	00000/0000 2-10020/0345	07/01/76	80	7333	2851N	07957W	58.3	92.2	GGGG			16	39
2526-15043	00000/0000 2-10020/0346	07/01/76	90	7333	2725N	08020W	58.0	89.8	GGGG			16	40
2526-15045	00000/0000 2-10020/0347	07/01/76	80	7333	2559N	08043W	57.7	87.4	GGGP			16	41
2526-15052	00000/0000 2-10020/0348	07/01/76	70	7333	2433N	08105W	57.4	85.1	GGGG			16	42
2526-16410	00000/0000 2-10020/0295	07/01/76	10	7334	5009N	09822W	54.8	129.5	GGGG			16	43
2526-16413	00000/0000 2-10020/0296	07/01/76	10	7334	4844N	09900W	55.4	127.2	GGGG			34	25
2526-16415	00000/0000 2-10020/0297	07/01/76	10	7334	4719N	09936W	55.9	124.9	GGGG			34	26
2526-16422	00000/0000 2-10020/0298	07/01/76	10	7334	4555N	10010W	56.4	122.5	GGGG			34	27
2526-16424	00000/0000 2-10020/0299	07/01/76	10	7334	4431N	10044W	56.9	120.1	GGGG			34	28
2526-16431	00000/0000 2-10020/0300	07/01/76	10	7334	4306N	10116W	57.3	117.6	GGGG			34	29
2526-16433	00000/0000 2-10020/0301	07/01/76	10	7334	4140N	10147W	57.7	115.1	GGGG			34	30
2526-16440	00000/0000 2-10020/0302	07/01/76	10	7334	4014N	10217W	58.0	112.6	GGGG			34	31
2526-16442	00000/0000 2-10020/0303	07/01/76	20	7334	3849N	10246W	58.2	110.1	GGGG			34	32
2526-16445	00000/0000 2-10020/0304	07/01/76	20	7334	3723N	10314W	58.4	107.5	GGGG			34	33
2526-16451	00000/0000 2-10020/0305	07/01/76	10	7334	3558N	10341W	58.5	104.9	GGGG			34	34
2526-16454	00000/0000 2-10020/0306	07/01/76	10	7334	3433N	10408W	58.6	102.4	GGGG			34	35
2526-16460	00000/0000 2-10020/0307	07/01/76	10	7334	3307N	10433W	58.6	99.8	GGGG			34	36
2526-16463	00000/0000 2-10020/0308	07/01/76	10	7334	3142N	10458W	58.5	97.3	GGGG			34	37
2526-16465	00000/0000 2-10020/0309	07/01/76	10	7334	3016N	10522W	58.4	94.7	GGGG			34	38
2526-16472	00000/0000 2-10020/0310	07/01/76	70	7334	2850N	10545W	58.2	92.3	GGGG			34	39
2526-18242	00000/0000 2-10020/0349	07/01/76	90	7335	5008N	12410W	54.8	129.5	GGGG			52	40
2526-18244	00000/0000 2-10020/0350	07/01/76	90	7335	4844N	12448W	55.4	127.2	GGGG			52	25
2526-18251	00000/0000 2-10020/0351	07/01/76	70	7335	4719N	12524W	55.9	124.9	GGGG			52	26
2526-18253	00000/0000 2-10020/0352	07/01/76	80	7335	4555N	12559W	56.4	122.5	GGGG			52	27
2526-21441	00000/0000 2-10020/0353	07/01/76	90	7337	7151N	15622W	40.8	166.5	GGGG			88	28
2526-21444	00000/0000 2-10020/0354	07/01/76	90	7337	7035N	15838W	41.9	163.5	GGGG			88	9
2526-21450	00000/0000 2-10020/0355	07/01/76	90	7337	6918N	16038W	42.9	160.8	GFGG			88	10
2526-21453	00000/0000 2-10020/0356	07/01/76	90	7337	6800N	16225W	43.9	158.2	GGGG			88	11
2526-21455	00000/0000 2-10020/0357	07/01/76	80	7337	6641N	16401W	44.9	155.8	GGGG			88	12
2526-21462	00000/0000 2-10020/0358	07/01/76	70	7337	6521N	16529W	45.8	153.5	GGGG			88	13
2526-21464	00000/0000 2-10020/0359	07/01/76	30	7337	6400N	16649W	46.8	151.2	GGGG			88	14
2526-21471	00000/0000 2-10020/0360	07/01/76	30	7337	6239N	16802W	47.7	149.0	GGGG			88	15
2526-21473	00000/0000 2-10020/0361	07/01/76	10	7337	6116N	16909W	48.6	146.9	GGGG			88	16
2526-21480	00000/0000 2-10020/0362	07/01/76	10	7337	5953N	17010W	49.5	144.7	GGGG			88	17
2526-21482	00000/0000 2-10020/0363	07/01/76	20	7337	5830N	17108W	50.4	142.6	GGGG			88	18
													19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0200

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN NUMBER	PRINCIPAL OF IMAGE LAT	PRIN LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2526-21485	00000/0000	2-10020/0364	07/01/76	30	7337	57.7N	17202W	51.2	140.4	GGGG			88	20
2526-21491	00000/0000	2-10020/0365	07/01/76	10	7337	55.43N	17252W	52.0	138.3	GGGG			88	21
2526-21494	00000/0000	2-10020/0366	07/01/76	30	7337	54.20N	17339W	52.7	136.1	FGGG			88	22
2526-21500	00000/0000	2-10020/0367	07/01/76	80	7337	52.57N	17423W	53.4	133.9	FFGG			88	23
2526-21503	00000/0000	2-10020/0368	07/01/76	90	7337	51.33N	17504W	54.1	131.7	GGGG			88	24
2527-15035	00000/0000	2-10020/0369	07/02/76	90	7347	48.42N	07436W	55.3	127.2	GGGG			17	25
2527-15044	00000/0000	2-10020/0370	07/02/76	90	7347	45.53N	07547W	56.4	122.5	GGGG			17	26
2527-15051	00000/0000	2-10020/0371	07/02/76	70	7347	44.29N	07620W	56.8	120.0	GGGG			17	27
2527-15053	00000/0000	2-10020/0372	07/02/76	70	7347	43.04N	07652W	57.2	117.6	GGGG			17	28
2527-15060	00000/0000	2-10020/0373	07/02/76	30	7347	41.38N	07723W	57.6	115.1	GGGG			17	29
2527-15062	00000/0000	2-10020/0374	07/02/76	10	7347	40.13N	07753W	57.9	112.6	GGGG			17	30
2527-15065	00000/0000	2-10020/0375	07/02/76	20	7347	38.48N	07822W	58.1	110.1	GGGG			17	31
2527-15071	00000/0000	2-10020/0376	07/02/76	10	7347	37.23N	07850W	58.3	107.5	GGGG			17	32
2527-15074	00000/0000	2-10020/0377	07/02/76	10	7347	35.58N	07918W	58.4	105.0	GGGG			17	33
2527-15080	00000/0000	2-10020/0378	07/02/76	20	7347	34.32N	07945W	58.5	102.4	GGGG			17	34
2527-15083	00000/0000	2-10020/0379	07/02/76	30	7347	33.07N	08010W	58.5	99.8	GGGG			17	35
2527-15085	00000/0000	2-10020/0380	07/02/76	30	7347	31.41N	08035W	58.5	97.3	GGGG			17	36
2527-15092	00000/0000	2-10020/0381	07/02/76	50	7347	30.15N	08059W	58.3	94.8	GGGG			17	37
2527-15094	00000/0000	2-10020/0382	07/02/76	90	7347	28.49N	08123W	58.2	92.3	GGGG			17	38
2527-15101	00000/0000	2-10020/0383	07/02/76	90	7347	27.23N	08146W	57.9	89.9	GGGG			17	39
2527-15103	00000/0000	2-10020/0384	07/02/76	80	7347	25.56N	08210W	57.7	87.5	GGGG			17	40
2527-15110	00000/0000	2-10020/0385	07/02/76	80	7347	24.29N	08232W	57.3	85.1	GGGG			17	41
2527-16465	00000/0000	2-10020/0401	07/02/76	10	7348	50.07N	09947W	54.7	129.4	FGGG			35	42
2527-16471	00000/0000	2-10020/0402	07/02/76	10	7348	48.42N	10026W	55.3	127.2	GGGG			35	43
2527-16474	00000/0000	2-10020/0403	07/02/76	20	7348	47.18N	10102W	55.8	124.8	GGGG			35	25
2527-16480	00000/0000	2-10020/0404	07/02/76	20	7348	45.54N	10137W	56.4	122.5	GGGG			35	26
2527-16483	00000/0000	2-10020/0405	07/02/76	70	7348	44.29N	10210W	56.8	120.0	FGGG			35	27
2527-16485	00000/0000	2-10020/0406	07/02/76	40	7348	43.03N	10242W	57.2	117.6	FGGG			35	28
2527-16492	00000/0000	2-10020/0407	07/02/76	40	7348	41.38N	10313W	57.6	115.1	FGGG			35	29
2527-16494	00000/0000	2-10020/0408	07/02/76	10	7348	40.13N	10342W	57.9	112.6	GGGG			35	30
2527-16501	00000/0000	2-10020/0409	07/02/76	10	7348	38.47N	10411W	58.1	110.1	GGGG			35	31
2527-16503	00000/0000	2-10020/0410	07/02/76	30	7348	37.22N	10439W	58.3	107.5	GGGG			35	32
2527-16510	00000/0000	2-10020/0411	07/02/76	20	7348	35.56N	10506W	58.4	105.0	GGGG			35	33
2527-16512	00000/0000	2-10020/0412	07/02/76	20	7348	34.31N	10533W	58.5	102.4	FGGG			35	34
2527-16515	00000/0000	2-10020/0413	07/02/76	20	7348	33.06N	10559W	58.5	99.8	GGGG			35	35
2527-16521	00000/0000	2-10020/0414	07/02/76	20	7348	31.39N	10624W	58.5	97.3	GGGG			35	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0201

OBSERVATION ID	MICROFILM POSITION IN RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS 123 45678	MSS MODE	MSS DATA	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2527-16524	00000/0000	2-10020/0415	07/02/76	40	7348	3013N	10649W	58.3	94.8	GGFG					35	39
2527-21495	00000/0000	2-10020/0416	07/02/76	90	7351	7153N	15741W	40.7	166.5	GGGG					89	9
2527-21502	00000/0000	2-10020/0417	07/02/76	90	7351	7037N	15957W	41.8	163.5	GGGG					89	10
2527-21504	00000/0000	2-10020/0418	07/02/76	90	7351	6920N	16158W	42.8	160.8	GGGG					89	11
2527-21511	00000/0000	2-10020/0419	07/02/76	90	7351	6801N	16346W	43.8	158.2	GGGG					89	12
2527-21513	00000/0000	2-10020/0420	07/02/76	40	7351	6642N	16524W	44.8	155.8	GGGG					89	13
2527-21520	00000/0000	2-10020/0421	07/02/76	20	7351	6522N	16652W	45.7	153.5	GGGG					89	14
2527-21522	00000/0000	2-10020/0422	07/02/76	60	7351	6401N	16813W	46.7	151.2	GGGG					89	15
2527-21525	00000/0000	2-10020/0423	07/02/76	40	7351	6239N	16926W	47.6	149.0	GGGG					89	16
2527-21534	00000/0000	2-10020/0424	07/02/76	30	7351	5955N	17133W	49.4	144.7	GGGG					89	18
2527-21540	00000/0000	2-10020/0425	07/02/76	60	7351	5832N	17231W	50.2	142.6	GGGG					89	19
2527-21543	00000/0000	2-10020/0426	07/02/76	80	7351	5709N	17325W	51.1	140.5	GGGG					89	20
2527-21545	00000/0000	2-10020/0427	07/02/76	40	7351	5546N	17415W	51.9	138.3	GGGG					89	21
2527-21552	00000/0000	2-10020/0428	07/02/76	10	7351	5422N	17504W	52.6	136.2	GGFG					89	22
2527-21561	00000/0000	2-10020/0429	07/02/76	90	7351	5133N	17632W	54.0	131.8	GGGG					89	24
2528-15094	00000/0000	2-10020/0430	07/03/76	10	7361	4844N	07559W	55.2	127.2	GGGG					18	26
2528-15100	00000/0000	2-10020/0431	07/03/76	50	7361	4719N	07636W	55.7	124.9	GGGG					18	27
2528-15103	00000/0000	2-10020/0432	07/03/76	90	7361	4554N	07711W	56.3	122.5	GGGG					18	28
2528-15105	00000/0000	2-10020/0433	07/03/76	90	7361	4430N	07745W	56.7	120.1	GGGG					18	29
2528-15112	00000/0000	2-10020/0434	07/03/76	90	7361	4305N	07818W	57.1	117.7	GGGG					18	30
2528-15114	00000/0000	2-10020/0435	07/03/76	50	7361	4140N	07849W	57.5	115.2	GGGG					18	31
2528-15121	00000/0000	2-10020/0436	07/03/76	30	7361	4016N	07919W	57.8	112.7	GGGG					18	32
2528-15123	00000/0000	2-10020/0437	07/03/76	80	7361	3850N	07948W	58.0	110.2	GGGG					18	33
2528-15130	00000/0000	2-10020/0438	07/03/76	90	7361	3725N	08016W	58.2	107.6	GGGG					18	34
2528-15132	00000/0000	2-10020/0439	07/03/76	90	7361	3559N	08043W	58.4	105.1	GGGG					18	35
2528-15135	00000/0000	2-10020/0440	07/03/76	60	7361	3434N	08109W	58.4	102.5	GGGG					18	36
2528-15141	00000/0000	2-10020/0441	07/03/76	20	7361	3308N	08135W	58.4	100.0	GGGG					18	37
2528-15144	00000/0000	2-10020/0442	07/03/76	20	7361	3141N	08200W	58.4	97.5	GGGG					18	38
2528-15150	00000/0000	2-10020/0443	07/03/76	60	7361	3015N	08225W	58.3	94.9	GGGG					18	39
2528-15153	00000/0000	2-10020/0444	07/03/76	80	7361	2850N	08249W	58.1	92.5	GGGG					18	40
2528-15155	00000/0000	2-10020/0445	07/03/76	30	7361	2724N	08312W	57.9	90.0	GGGG					18	41
2528-15162	00000/0000	2-10020/0446	07/03/76	60	7361	2558N	08335W	57.6	87.6	GGGG					18	42
2528-15164	00000/0000	2-10020/0447	07/03/76	50	7361	2432N	08357W	57.3	85.3	GGGG					18	43
2528-16523	00000/0000	2-10020/0470	07/03/76	20	7362	5008N	10112W	54.6	129.5	GGGG					36	25
2528-16525	00000/0000	2-10020/0471	07/03/76	60	7362	4844N	10150W	55.2	127.2	GGGG					36	26
2528-16532	00000/0000	2-10020/0472	07/03/76	90	7362	4719N	10226W	55.7	124.9	GGGG					36	27

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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0202

OBSERVATION ID	MICROFILM POSITION IN RBL RBV	ROLL NR./ MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2528-16534	00000/0000	2-10020/0473	07/03/76	80	7362	4555N	10301W	56.2	122.5	GGGG		36	28
2528-16541	00000/0000	2-10020/0474	07/03/76	50	7362	4430N	10335W	56.7	120.1	GGGG		36	29
2528-16543	00000/0000	2-10020/0475	07/03/76	10	7362	4305N	10407W	57.1	117.7	GGGG		36	30
2528-16550	00000/0000	2-10020/0476	07/03/76	10	7362	4139N	10437W	57.5	115.2	GGGG		36	31
2528-16552	00000/0000	2-10020/0477	07/03/76	10	7362	4014N	10507W	57.8	112.7	GGGG		36	32
2528-16555	00000/0000	2-10020/0478	07/03/76	10	7362	3849N	10536W	58.0	110.2	GGGG		36	33
2528-16561	00000/0000	2-10020/0479	07/03/76	10	7362	3724N	10604W	58.2	107.7	GGGG		36	34
2528-16564	00000/0000	2-10020/0480	07/03/76	10	7362	3559N	10632W	58.3	105.1	GGGG		36	35
2528-16570	00000/0000	2-10020/0481	07/03/76	0	7362	3433N	10659W	58.4	102.5	GGGG		36	36
2528-16573	00000/0000	2-10020/0482	07/03/76	10	7362	3308N	10724W	58.4	100.0	GGGG		36	37
2528-16575	00000/0000	2-10020/0483	07/03/76	10	7362	3142N	10750W	58.4	97.5	GGGG		36	38
2528-16582	00000/0000	2-10020/0484	07/03/76	20	7362	3016N	10814W	58.3	94.9	GGGG		36	39
2528-20145	00000/0000	2-10020/0488	07/03/76	50	7364	6400N	14349W	46.6	151.1	GGGG		72	15
2528-20151	00000/0000	2-10020/0449	07/03/76	50	7364	6239N	14503W	47.5	148.9	GGGG		72	16
2528-20154	00000/0000	2-10020/0450	07/03/76	70	7364	6116N	14610W	48.4	146.8	GGGG		72	17
2528-20160	00000/0000	2-10020/0451	07/03/76	90	7364	5954N	14711W	49.3	144.7	GGGG		72	18
2528-20163	00000/0000	2-10020/0452	07/03/76	90	7364	5832W	14809W	50.2	142.5	GGGG		72	19
2528-20165	00000/0000	2-10020/0453	07/03/76	90	7364	5708N	14902W	51.0	140.4	GGGG		72	20
2528-21554	00000/0000	2-10020/0454	07/03/76	80	7365	7151N	15914W	40.7	166.3	GGGG		90	9
2528-21560	00000/0000	2-10020/0455	07/03/76	90	7365	7035N	16129W	41.7	163.4	GGGG		90	10
2528-21563	00000/0000	2-10020/0456	07/03/76	90	7365	6918N	16329W	42.7	160.7	GGGG		90	11
2528-21565	00000/0000	2-10020/0457	07/03/76	90	7365	6759N	16517W	43.7	158.1	GGGG		90	12
2528-21572	00000/0000	2-10020/0458	07/03/76	90	7365	6640N	16653W	44.7	155.7	GGGG		90	13
2528-21574	00000/0000	2-10020/0459	07/03/76	70	7365	6520N	16820W	45.7	153.4	GGGG		90	14
2528-21581	00000/0000	2-10020/0460	07/03/76	50	7365	6352N	16940W	46.6	151.1	GGGG		90	15
2528-21583	00000/0000	2-10020/0461	07/03/76	20	7365	6238N	17054W	47.5	148.9	GGGG		90	16
2528-21590	00000/0000	2-10020/0462	07/03/76	10	7365	6116N	17202W	48.4	146.8	GGGG		90	17
2528-21592	00000/0000	2-10020/0463	07/03/76	40	7365	5953N	17304W	49.3	144.6	GGGG		90	18
2528-21595	00000/0000	2-10020/0464	07/03/76	40	7365	5830N	17402W	50.2	142.5	GGGG		90	19
2528-22001	00000/0000	2-10020/0465	07/03/76	0	7365	5727N	17455W	51.0	140.4	GGGG		90	20
2528-22004	00000/0000	2-10020/0466	07/03/76	0	7365	5543N	17545W	51.8	138.3	GGGG		90	21
2528-22010	00000/0000	2-10020/0467	07/03/76	0	7365	5419N	17632W	52.5	136.1	GGGG		90	22
2528-22013	00000/0000	2-10020/0468	07/03/76	10	7365	5256N	17716W	53.2	133.9	GGGG		90	23
2528-22015	00000/0000	2-10020/0469	07/03/76	70	7365	5132N	17758W	53.9	131.7	GGGG		90	24
2529-15154	00000/0000	2-10020/0386	07/04/76	0	7375	4718N	07803W	55.7	124.9	GGGG		19	27
2529-15161	00000/0000	2-10020/0387	07/04/76	0	7375	4554N	07838W	56.2	122.5	GGGG		19	28

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01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0203

OBSERVATION ID	MICROFILM ROLL NO./ POSITION TN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME RAW NUMBER
2529-15163	00000/0000 2-10020/0388	07/04/76	10	7375	4429N	07912W	56.6	120.1	GGGG		19	29
2529-15170	00000/0000 2-10020/0389	07/04/76	40	7375	4304N	07944W	57.0	117.7	GGGG		19	30
2529-15172	00000/0000 2-10020/0390	07/04/76	60	7375	4139N	08015W	57.4	115.2	GGGG		19	31
2529-15175	00000/0000 2-10020/0391	07/04/76	70	7375	4013N	08045W	57.7	112.7	GGGG		19	32
2529-15181	00000/0000 2-10020/0392	07/04/76	80	7375	3848N	08114W	57.9	110.2	GGGG		19	33
2529-15184	00000/0000 2-10020/0393	07/04/76	90	7375	3722N	08142W	58.1	107.7	GGGG		19	34
2529-15190	00000/0000 2-10020/0394	07/04/76	100	7375	3557N	08209W	58.3	105.1	GGGG		19	35
2529-15193	00000/0000 2-10020/0395	07/04/76	90	7375	3432N	08235W	58.3	102.6	GGGG		19	36
2529-15195	00000/0000 2-10020/0396	07/04/76	80	7375	3306N	08301W	58.4	100.0	GGGG		19	37
2529-15202	00000/0000 2-10020/0397	07/04/76	40	7375	3141N	08326W	58.3	97.5	GGGG		19	38
2529-15204	00000/0000 2-10020/0398	07/04/76	30	7375	3014N	08351W	58.2	95.0	GGGG		19	39
2529-15211	00000/0000 2-10020/0399	07/04/76	20	7375	2848N	08415W	58.0	92.5	GGGG		19	40
2529-15213	00000/0000 2-10020/0400	07/04/76	10	7375	2721N	08439W	57.8	90.1	GGGG		19	41
2529-16581	00000/0000 2-10020/0491	07/04/76	10	7376	5007N	10238W	54.5	129.5	GGGG		37	25
2529-16584	00000/0000 2-10020/0492	07/04/76	10	7376	4842N	10316W	55.1	127.2	GGGG		37	26
2529-16590	00000/0000 2-10020/0493	07/04/76	20	7376	4717N	10352W	55.6	124.9	GGGG		37	27
2529-16593	00000/0000 2-10020/0494	07/04/76	30	7376	4553N	10427W	56.2	122.5	GGGG		37	28
2529-16595	00000/0000 2-10020/0495	07/04/76	20	7376	4428N	10500W	56.6	120.1	GGGG		37	29
2529-17002	00000/0000 2-10020/0496	07/04/76	0	7376	4302N	10532W	57.0	117.7	GGGG		37	30
2529-17004	00000/0000 2-10020/0497	07/04/76	10	7376	4137N	10603W	57.4	115.2	GGGG		37	31
2529-17011	00000/0000 2-10020/0498	07/04/76	20	7376	4013N	10633W	57.7	112.7	GGGG		37	32
2529-17013	00000/0000 2-10020/0499	07/04/76	10	7376	3848N	10702W	57.9	110.2	GGGG		37	33
2529-17020	00000/0000 2-10020/0500	07/04/76	10	7376	3722N	10730W	58.1	107.7	GGGG		37	34
2529-17022	00000/0000 2-10020/0501	07/04/76	10	7376	3557N	10757W	58.3	105.1	GGGG		37	35
2529-17025	00000/0000 2-10020/0502	07/04/76	10	7376	3431N	10824W	58.3	102.6	GGGG		37	36
2529-17031	00000/0000 2-10020/0503	07/04/76	10	7376	3305N	10850W	58.3	100.1	GGGG		37	37
2529-17034	00000/0000 2-10020/0504	07/04/76	10	7376	3139N	10915W	58.3	97.5	GGGG		37	38
2529-17040	00000/0000 2-10020/0505	07/04/76	10	7376	3013N	10940W	58.2	95.0	GGGG		37	39
2529-20185	00000/0000 2-10020/0243	07/04/76	20	7378	6970N	13905W	42.6	160.7	GGGG		73	11
2529-20192	00000/0000 2-10020/0244	07/04/76	60	7378	6802N	14054W	43.6	158.1	GGGG		73	12
2529-20194	00000/0000 2-10020/0245	07/04/76	90	7378	6642N	14231W	44.6	155.7	GGGG		73	13
2529-20201	00000/0000 2-10020/0246	07/04/76	90	7378	6521N	14358W	45.6	153.4	GGGG		73	14
2529-20203	00000/0000 2-10020/0247	07/04/76	90	7378	6400N	14517W	46.5	151.1	GGGG		73	15
2529-20210	00000/0000 2-10020/0248	07/04/76	80	7378	6240N	14630W	47.4	149.0	GGGG		73	16
2529-20212	00000/0000 2-10020/0249	07/04/76	90	7378	6118N	14736W	48.3	146.8	GGGG		73	17
2529-20215	00000/0000 2-10020/0250	07/04/76	80	7378	5956N	14838W	49.2	144.7	GGGG		73	18

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
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01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0204

OBSERVATION ID	MICROFILM POSITION RBV	RAIL NR./ IN RAIL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2529-20221	00000/0000	2-10020/0251	07/04/76	80	7378	5833N 14935W	50.1	142.5	FGGG			73	19
2529-20224	00000/0000	2-10020/0252	07/04/76	70	7378	5709N 15029W	50.9	140.4	GGGG			73	20
2529-22012	00000/0000	2-10020/0253	07/04/76	90	7379	7153N 16037W	40.5	166.3	GGGG			91	9
2529-22014	00000/0000	2-10020/0254	07/04/76	90	7379	7037N 16253W	41.6	163.4	GGFG			91	10
2529-22021	00000/0000	2-10020/0255	07/04/76	90	7379	6919N 16454W	42.6	160.7	GGFG			91	11
2529-22023	00000/0000	2-10020/0256	07/04/76	90	7379	6801N 16642W	43.6	158.1	GGGG			91	12
2529-22030	00000/0000	2-10020/0257	07/04/76	80	7379	6642N 16819W	44.6	155.7	GGFG			91	13
2529-22032	00000/0000	2-10020/0258	07/04/76	60	7379	6522N 16947W	45.6	153.4	GGGG			91	14
2529-22035	00000/0000	2-10020/0259	07/04/76	80	7379	6400N 17108W	46.5	151.1	GGGG			91	15
2529-22073	00000/0000	2-10020/0260	07/04/76	90	7379	5133N 17925W	53.8	131.8	GGGG			91	24
2530-15210	00000/0000	2-10020/0538	07/05/76	10	7389	4843N 07854W	55.0	127.3	GGGF			20	26
2530-15213	00000/0000	2-10020/0539	07/05/76	10	7389	4720N 07930W	55.5	124.9	GGGG			20	27
2530-15215	00000/0000	2-10020/0540	07/05/76	10	7389	4555N 08005W	56.1	122.6	GGGG			20	28
2530-15222	00000/0000	2-10020/0541	07/05/76	10	7389	4431N 08038W	56.5	120.2	GGGG			20	29
2530-15224	00000/0000	2-10020/0542	07/05/76	10	7389	4306N 08110W	56.9	117.8	FGGG			20	30
2530-15231	00000/0000	2-10020/0543	07/05/76	10	7389	4140N 08141W	57.3	115.3	FGGG			20	31
2530-15233	00000/0000	2-10020/0544	07/05/76	20	7389	4015N 08210W	57.6	112.9	GGGG			20	32
2530-15240	00000/0000	2-10020/0545	07/05/76	20	7389	3849N 08239W	57.8	110.3	GGGG			20	33
2530-15242	00000/0000	2-10020/0546	07/05/76	30	7389	3724N 08307W	58.0	107.8	GGGG			20	34
2530-15245	00000/0000	2-10020/0547	07/05/76	50	7389	3559N 08334W	58.2	105.3	GGGG			20	35
2530-15251	00000/0000	2-10020/0548	07/05/76	90	7389	3433N 08401W	58.2	102.7	GGGG			20	36
2530-15254	00000/0000	2-10020/0549	07/05/76	90	7389	3307N 08427W	58.3	100.2	FGGG			20	37
2530-15260	00000/0000	2-10020/0550	07/05/76	90	7389	3141N 08452W	58.2	97.7	FGGG			20	38
2530-15263	00000/0000	2-10020/0551	07/05/76	60	7389	3016N 08517W	58.1	95.2	GGGG			20	39
2530-15265	00000/0000	2-10020/0552	07/05/76	40	7389	2849N 08541W	58.0	92.7	GGGG			20	40
2530-15272	00000/0000	2-10020/0553	07/05/76	30	7389	2722N 08604W	57.7	90.3	GGFF			20	41
2530-17035	00000/0000	2-10020/0220	07/05/76	10	7390	5008N 10406W	54.4	129.5	GGGG			38	25
2530-17042	00000/0000	2-10020/0221	07/05/76	10	7390	4844N 10444W	55.0	127.3	GGGG			38	26
2530-17044	00000/0000	2-10020/0222	07/05/76	10	7390	4719N 10520W	55.5	124.9	GGGG			38	27
2530-17051	00000/0000	2-10020/0223	07/05/76	10	7390	4555N 10555W	56.0	122.6	GGGG			38	28
2530-17053	00000/0000	2-10020/0224	07/05/76	10	7390	4429N 10628W	56.5	120.2	GGGG			38	29
2530-17060	00000/0000	2-10020/0225	07/05/76	0	7390	4304N 10700W	56.9	117.8	GGGG			38	30
2530-17062	00000/0000	2-10020/0226	07/05/76	0	7390	4139N 10731W	57.3	115.3	GGGG			38	31
2530-17065	00000/0000	2-10020/0227	07/05/76	10	7390	4014N 10800W	57.6	112.9	GGGG			38	32
2530-17071	00000/0000	2-10020/0228	07/05/76	10	7390	3849N 10829W	57.8	110.4	GGGG			38	33
2530-17074	00000/0000	2-10020/0229	07/05/76	10	7390	3723N 10857W	58.0	107.8	GGGG			38	34

KEYS: CLOUD COVER x ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0205

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT IMAGE LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2530-17080	00000/0000	2-10020/0230	07/05/76	10	7390	3558N	10924W	58.2	105.3	GGGG			38	35
2530-17083	00000/0000	2-10020/0231	07/05/76	10	7390	3432N	10951W	58.2	102.8	GGGG			38	36
2530-17085	00000/0000	2-10020/0232	07/05/76	20	7390	3306N	11016W	58.3	100.2	GGGG			38	37
2530-17092	00000/0000	2-10020/0233	07/05/76	10	7390	3140N	11042W	58.2	97.7	GGGG			38	38
2530-17094	00000/0000	2-10020/0234	07/05/76	10	7390	3015N	11106W	58.1	95.2	GGGG			38	39
2530-20241	00000/0000	2-10020/0506	07/05/76	60	7392	7036N	13832W	41.5	163.3	GGGG			74	10
2530-20243	00000/0000	2-10020/0507	07/05/76	50	7392	6918N	14033W	42.5	160.6	GGGG			74	11
2530-20250	00000/0000	2-10020/0508	07/05/76	50	7392	6759N	14221W	43.5	158.1	GGGG			74	12
2530-20252	00000/0000	2-10020/0509	07/05/76	50	7392	6639N	14358W	44.5	155.6	GGGG			74	13
2530-20255	00000/0000	2-10020/0510	07/05/76	90	7392	6519N	14526W	45.5	153.3	GGGG			74	14
2530-20261	00000/0000	2-10020/0511	07/05/76	90	7392	6359N	14646W	46.4	151.1	GGGG			74	15
2530-20264	00000/0000	2-10020/0512	07/05/76	90	7392	6238N	14759W	47.3	148.9	GGGG			74	16
2530-20270	00000/0000	2-10020/0513	07/05/76	90	7392	6116N	14906W	48.2	146.7	GGGG			74	17
2530-20273	00000/0000	2-10020/0514	07/05/76	90	7392	5953N	15008W	49.1	144.6	GGGG			74	18
2530-20282	00000/0000	2-10020/0515	07/05/76	90	7392	5707N	15158W	50.8	140.4	GGGG			74	20
2530-20284	00000/0000	2-10020/0516	07/05/76	100	7392	5544N	15248W	51.6	138.2	GGGG			74	21
2530-22073	00000/0000	2-10020/0517	07/05/76	60	7393	7034N	16419W	41.5	163.3	GGGG			92	10
2530-22075	00000/0000	2-10020/0518	07/05/76	60	7393	6917N	16619W	42.5	160.6	GGGG			92	11
2530-22082	00000/0000	2-10020/0519	07/05/76	80	7393	6759N	16806W	43.5	158.0	GGGG			92	12
2530-22084	00000/0000	2-10020/0520	07/05/76	70	7393	6640N	16944W	44.5	155.6	GGGG			92	13
2530-22091	00000/0000	2-10020/0521	07/05/76	70	7393	6519N	17111W	45.5	153.3	GGGG			92	14
2531-15264	00000/0000	2-10020/0554	07/06/76	10	7403	4846N	08018W	54.9	127.3	GGGG			21	26
2531-15271	00000/0000	2-10020/0555	07/06/76	10	7403	4722N	08055W	55.4	125.0	GGGG			21	27
2531-15273	00000/0000	2-10020/0556	07/06/76	10	7403	4557N	08130W	55.9	122.7	GGGG			21	28
2531-15280	00000/0000	2-10020/0557	07/06/76	10	7403	4432N	08203W	56.4	120.3	GGGG			21	29
2531-15282	00000/0000	2-10020/0558	07/06/76	10	7403	4307N	08235W	56.8	117.9	GGGG			21	30
2531-15285	00000/0000	2-10020/0559	07/06/76	10	7403	4142N	08306W	57.2	115.5	GGGG			21	31
2531-15291	00000/0000	2-10020/0560	07/06/76	10	7403	4017N	08335W	57.5	113.0	GGGG			21	32
2531-15294	00000/0000	2-10020/0561	07/06/76	80	7403	3852N	08404W	57.7	110.5	GGGG			21	33
2531-15300	00000/0000	2-10020/0562	07/06/76	40	7403	3726N	08432W	57.9	108.0	GGGG			21	34
2531-15303	00000/0000	2-10020/0563	07/06/76	40	7403	3601N	08459W	58.1	105.5	GGGG			21	35
2531-15305	00000/0000	2-10020/0564	07/06/76	50	7403	3435N	08526W	58.2	102.9	GGGG			21	36
2531-15312	00000/0000	2-10020/0565	07/06/76	70	7403	3309N	08551W	58.2	100.4	GGGG			21	37
2531-15314	00000/0000	2-10020/0566	07/06/76	90	7403	3143N	08616W	58.1	97.9	GGGG			21	38
2531-15321	00000/0000	2-10020/0567	07/06/76	100	7403	3017N	08641W	58.0	95.4	GGGG			21	39
2531-15323	00000/0000	2-10020/0568	07/06/76	70	7403	2851N	08705W	57.9	92.9	GGGG			21	40

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0206

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2531-15330	00000/0000	2-10020/0569	07/06/76	30	7403	2726N	08729W	57.7	90.5	GGGG		21	41
2531-17100	00000/0000	2-10020/0751	07/06/76	10	7404	4847N	10609W	54.9	127.3	GGGG		39	26
2531-17102	00000/0000	2-10020/0752	07/06/76	10	7404	4722N	10645W	55.4	125.0	GGGG		39	27
2531-17105	00000/0000	2-10020/0753	07/06/76	10	7404	4557N	10720W	55.9	122.7	GGGG		39	28
2531-17114	00000/0000	2-10020/0754	07/06/76	10	7404	4307N	10825W	56.8	117.9	GGGG		39	30
2531-17120	00000/0000	2-10020/0755	07/06/76	10	7404	4142N	10856W	57.2	115.5	GGGG		39	31
2531-17123	00000/0000	2-10020/0756	07/06/76	20	7404	4016N	10925W	57.5	113.0	GGGG		39	32
2531-17125	00000/0000	2-10020/0757	07/06/76	10	7404	3851N	10954W	57.7	110.5	GGGG		39	33
2531-17132	00000/0000	2-10020/0758	07/06/76	10	7404	3725N	11022W	57.9	108.0	GGGG		39	34
2531-17134	00000/0000	2-10020/0759	07/06/76	10	7404	3559N	11049W	58.1	105.5	GGGG		39	35
2531-17141	00000/0000	2-10020/0760	07/06/76	10	7404	3433N	11116W	58.2	102.9	GGGG		39	36
2531-17143	00000/0000	2-10020/0761	07/06/76	10	7404	3308N	11141W	58.2	100.4	GGGG		39	37
2531-17150	00000/0000	2-10020/0762	07/06/76	0	7404	3142N	11206W	58.1	97.9	GGGG		39	38
2531-17152	00000/0000	2-10020/0763	07/06/76	0	7404	3017N	11231W	58.0	95.4	GGGG		39	39
2531-20295	00000/0000	2-10020/0522	07/06/76	40	7406	7037N	13956W	41.4	163.3	GGGG		75	10
2531-20302	00000/0000	2-10020/0523	07/06/76	30	7406	6920N	14157W	42.4	160.6	GGGG		75	11
2531-20304	00000/0000	2-10020/0524	07/06/76	20	7406	6801N	14244W	43.4	158.1	GGGG		75	12
2531-20311	00000/0000	2-10020/0525	07/06/76	50	7406	6642N	14520W	44.4	155.6	GGGG		75	13
2531-20313	00000/0000	2-10020/0526	07/06/76	10	7406	6522N	14647W	45.3	153.3	GGGG		75	14
2531-20320	00000/0000	2-10020/0527	07/06/76	10	7406	6401N	14807W	46.3	151.1	GGGG		75	15
2531-20322	00000/0000	2-10020/0528	07/06/76	10	7406	6240N	14920W	47.2	148.9	GGGG		75	16
2531-20325	00000/0000	2-10020/0529	07/06/76	10	7406	6118N	15028W	48.1	146.8	GGGG		75	17
2531-20331	00000/0000	2-10020/0530	07/06/76	30	7406	5955N	15130W	49.0	144.6	GGGG		75	18
2531-20334	00000/0000	2-10020/0531	07/06/76	70	7406	5832N	15227W	49.8	142.5	GGGG		75	19
2531-20340	00000/0000	2-10020/0532	07/06/76	100	7406	5710N	15320W	50.7	140.4	GGGG		75	20
2531-20343	00000/0000	2-10020/0533	07/06/76	100	7406	5546N	15410W	51.4	138.3	GGGG		75	21
2531-22133	00000/0000	2-10020/0534	07/06/76	40	7407	6919N	16746W	42.4	160.6	GGGG		93	11
2531-22140	00000/0000	2-10020/0535	07/06/76	20	7407	6801N	16933W	43.4	158.0	GGGG		93	12
2531-22142	00000/0000	2-10020/0536	07/06/76	60	7407	6642N	17110W	44.4	155.6	GGGG		93	13
2531-22183	00000/0000	2-10020/0537	07/06/76	80	7407	5258N	17828E	52.9	134.0	GGGG		93	23
2532-15323	00000/0000	2-10020/0570	07/07/76	90	7417	4842N	08146W	54.8	127.3	GGGG		22	26
2532-15325	00000/0000	2-10020/0571	07/07/76	100	7417	4718N	08222W	55.3	125.0	GGGG		22	27
2532-15332	00000/0000	2-10020/0572	07/07/76	90	7417	4553N	08257W	55.8	122.7	GGGG		22	28
2532-15334	00000/0000	2-10020/0573	07/07/76	90	7417	4428N	08330W	56.3	120.4	GGGG		22	29
2532-15341	00000/0000	2-10020/0574	07/07/76	40	7417	4303N	08401W	56.7	117.9	GGGG		22	30
2532-15343	00000/0000	2-10020/0575	07/07/76	10	7417	4139N	08432W	57.1	115.5	GGGG		22	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0207

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLBD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS	MSS DATA	MSS IMAGE	ORBIT PATH	FRAME ROW
									123	45678	MODE	GAIN	NUMBER	NUMBER
2532-15350	00000/0000 2-10020/0576	07/07/76	10	7417	4014N	08502W	57.4	113.0						
2532-15352	00000/0000 2-10020/0577	07/07/76	10	7417	3848N	08530W	57.6	110.6	GGGG				22	32
2532-15355	00000/0000 2-10020/0578	07/07/76	10	7417	3723N	08558W	57.8	108.1	GGGG				22	33
2532-15361	00000/0000 2-10020/0579	07/07/76	10	7417	3558N	08626W	58.0	105.5	GGGG				22	34
2532-15364	00000/0000 2-10020/0580	07/07/76	20	7417	3432N	08653W	58.1	103.0	GGGG				22	35
2532-15370	00000/0000 2-10020/0581	07/07/76	10	7417	3306N	08719W	58.1	100.5	GGGG				22	36
2532-15373	00000/0000 2-10020/0582	07/07/76	50	7417	3139N	08744W	58.1	98.0	GGGG				22	37
2532-15375	00000/0000 2-10020/0583	07/07/76	70	7417	3013N	08808W	58.0	95.5	GGGG				22	38
2532-15382	00000/0000 2-10020/0584	07/07/76	90	7417	2848N	08832W	57.8	93.0	GGGG				22	39
2532-15384	00000/0000 2-10020/0585	07/07/76	70	7417	2722N	08856W	57.6	90.6	GGGG				22	40
2532-17152	00000/0000 2-10020/0586	07/07/76	40	7418	5007N	10659W	54.2	129.6	GGGG				40	41
2532-17154	00000/0000 2-10020/0587	07/07/76	10	7418	4844N	10737W	54.8	127.3	GGGG				40	25
2532-17161	00000/0000 2-10020/0588	07/07/76	20	7418	4720N	10813W	55.3	125.0	GGGG				40	26
2532-17163	00000/0000 2-10020/0589	07/07/76	10	7418	4555N	10848W	55.8	122.7	GGGG				40	27
2532-17170	00000/0000 2-10020/0590	07/07/76	10	7418	4429N	10921W	56.3	120.4	GGGG				40	28
2532-17172	00000/0000 2-10020/0591	07/07/76	10	7418	4303N	10953W	56.7	118.0	GGGG				40	29
2532-17175	00000/0000 2-10020/0592	07/07/76	10	7418	4137N	11024W	57.1	115.5	GGGG				40	30
2532-17181	00000/0000 2-10020/0593	07/07/76	20	7418	4012N	11053W	57.4	113.1	GGGG				40	31
2532-17184	00000/0000 2-10020/0594	07/07/76	30	7418	3848N	11122W	57.6	110.6	GGGG				40	32
2532-17190	00000/0000 2-10020/0595	07/07/76	20	7418	3723N	11150W	57.8	108.1	GGGG				40	33
2532-17193	00000/0000 2-10020/0596	07/07/76	20	7418	3557N	11217W	58.0	105.5	GGGG				40	34
2532-17195	00000/0000 2-10020/0597	07/07/76	10	7418	3431N	11244W	58.1	103.0	GGGG				40	35
2532-17202	00000/0000 2-10020/0598	07/07/76	10	7418	3305N	11309W	58.1	100.5	GGGG				40	36
2532-17204	00000/0000 2-10020/0599	07/07/76	0	7418	3140N	11334W	58.1	98.0	GGGG				40	37
2532-17211	00000/0000 2-10020/0600	07/07/76	10	7418	3015N	11359W	58.0	95.5	GGGG				40	38
2532-20353	00000/0000 2-10020/0601	07/07/76	90	7420	7035N	14125W	41.3	163.2	GGGG				76	10
2532-20360	00000/0000 2-10020/0602	07/07/76	90	7420	6917N	14326W	42.3	160.5	GGGG				76	39
2532-20362	00000/0000 2-10020/0603	07/07/76	70	7420	6758N	14514W	43.3	158.0	GGGG				76	11
2532-20365	00000/0000 2-10020/0604	07/07/76	30	7420	6638N	14650W	44.3	155.6	GGGG				76	12
2532-20371	00000/0000 2-10020/0605	07/07/76	30	7420	6519N	14817W	45.3	153.3	GGGG				76	13
2532-20374	00000/0000 2-10020/0606	07/07/76	60	7420	6358N	14937W	46.2	151.0	GGGG				76	14
2532-20380	00000/0000 2-10020/0607	07/07/76	30	7420	6237N	15049W	47.1	148.8	GGGG				76	15
2532-20383	00000/0000 2-10020/0608	07/07/76	10	7420	6114N	15157W	48.0	146.7	GGGG				76	16
2532-20385	00000/0000 2-10020/0609	07/07/76	30	7420	5952N	15259W	48.9	144.6	GGGG				76	17
2532-20392	00000/0000 2-10020/0610	07/07/76	50	7420	5829N	15356W	49.7	142.5	GGGG				76	18
2532-20394	00000/0000 2-10020/0611	07/07/76	90	7420	5706N	15449W	50.6	140.4	GGGG				76	19

KEYS: CLBD COVER % ..... 0 TO 100 = % CLBD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01129 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 020R

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2532-20401	00000/0000	2-10020/0612	07/07/76	80	7420	5543N	15538W	51.3	138.3	GGGG			76	21
2532-22241	00000/0000	2-10020/0613	07/07/76	90	7421	5257N	17700E	52.8	134.0	GGGG			94	23
2533-15381	00000/0000	2-10020/0980	07/08/76	40	7431	4845N	08312W	54.6	127.4	GGGG			23	26
2533-15383	00000/0000	2-10020/0981	07/08/76	50	7431	4719N	08348W	55.2	125.2	GGGG			23	27
2533-15390	00000/0000	2-10020/0982	07/08/76	10	7431	4555N	08422W	55.7	122.8	GGGG			23	28
2533-15392	00000/0000	2-10020/0983	07/08/76	10	7431	4430N	08455W	56.2	120.5	GGGG			23	29
2533-15395	00000/0000	2-10020/0984	07/08/76	10	7431	4305N	08527W	56.6	118.1	GGGG			23	30
2533-15401	00000/0000	2-10020/0985	07/08/76	10	7431	4139N	08558W	57.0	115.7	GGGG			23	31
2533-15404	00000/0000	2-10020/0986	07/08/76	10	7431	4014N	08628W	57.3	113.2	GGGG			23	32
2533-15410	00000/0000	2-10020/0987	07/08/76	20	7431	3848N	08657W	57.5	110.7	GGGG			23	33
2533-15413	00000/0000	2-10020/0988	07/08/76	40	7431	3723N	08725W	57.7	108.2	GGGG			23	34
2533-15415	00000/0000	2-10020/0989	07/08/76	80	7431	3558N	08753W	57.9	105.7	GGGG			23	35
2533-15422	00000/0000	2-10020/0990	07/08/76	10	7431	3432N	08819W	58.0	103.2	GGGG			23	36
2533-15424	00000/0000	2-10020/0991	07/08/76	10	7431	3307N	08845W	58.0	100.7	GGGG			23	37
2533-15431	00000/0000	2-10020/0992	07/08/76	50	7431	3143N	08910W	58.0	98.2	GGGG			23	38
2533-15433	00000/0000	2-10020/0993	07/08/76	80	7431	3018N	08935W	57.9	95.7	GGGG			23	39
2533-15440	00000/0000	2-10020/0994	07/08/76	90	7431	2852N	08959W	57.7	93.3	GGGG			23	40
2533-15442	00000/0000	2-10020/0995	07/08/76	90	7431	2726N	09023W	57.5	90.9	GGGG			23	41
2533-17210	00000/0000	2-10020/0628	07/08/76	20	7432	5010N	10823W	54.0	129.7	GGGG			41	25
2533-17212	00000/0000	2-10020/0629	07/08/76	20	7432	4845N	10901W	54.6	127.4	GGGG			41	26
2533-17215	00000/0000	2-10020/0630	07/08/76	40	7432	4721N	10937W	55.2	125.2	GGGG			41	27
2533-17221	00000/0000	2-10020/0631	07/08/76	30	7432	4557N	11012W	55.7	122.8	GGGG			41	28
2533-17224	00000/0000	2-10020/0632	07/08/76	10	7432	4431N	11045W	56.2	120.5	GGGG			41	29
2533-17230	00000/0000	2-10020/0633	07/08/76	10	7432	4305N	11117W	56.6	118.1	GGGG			41	30
2533-17233	00000/0000	2-10020/0634	07/08/76	10	7432	4140N	11148W	57.0	115.7	GGGG			41	31
2533-17235	00000/0000	2-10020/0635	07/08/76	0	7432	4015N	11217W	57.3	113.2	GGGG			41	32
2533-17242	00000/0000	2-10020/0636	07/08/76	10	7432	3851N	11247W	57.5	110.7	GGGG			41	33
2533-17244	00000/0000	2-10020/0637	07/08/76	10	7432	3726N	11315W	57.7	108.2	GGGG			41	34
2533-17251	00000/0000	2-10020/0638	07/08/76	10	7432	3600N	11342W	57.9	105.7	GGGG			41	35
2533-17253	00000/0000	2-10020/0639	07/08/76	10	7432	3434N	11409W	58.0	103.2	GGGG			41	36
2533-17260	00000/0000	2-10020/0640	07/08/76	20	7432	3308N	11435W	58.0	100.7	GGGG			41	37
2533-17262	00000/0000	2-10020/0641	07/08/76	10	7432	3142N	11500W	58.0	98.2	GGGG			41	38
2533-20412	00000/0000	2-10020/0642	07/08/76	70	7434	7036N	14253W	41.1	163.3	GGGG			77	10
2533-20414	00000/0000	2-10020/0643	07/08/76	50	7434	6918N	14453W	42.2	160.6	GGGG			77	11
2533-20421	00000/0000	2-10020/0644	07/08/76	60	7434	6759N	14641W	43.2	158.0	GGGG			77	12
2533-20423	00000/0000	2-10020/0645	07/08/76	90	7434	6640N	14817W	44.1	155.6	GGGG			77	13

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0209

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2533-20430	00000/0000	2-10020/0646	07/08/76	80	7434	6520N	14945W	45.1	153.3	GGGG			77	14
2533-20432	00000/0000	2-10020/0647	07/08/76	70	7434	6359N	15105W	46.0	151.1	GGGG			77	15
2533-20435	00000/0000	2-10020/0648	07/08/76	50	7434	6238N	15218W	47.0	148.9	GGGG			77	16
2533-20441	00000/0000	2-10020/0649	07/08/76	50	7434	6116N	15324W	47.9	146.7	GGGG			77	17
2533-20444	00000/0000	2-10020/0650	07/08/76	30	7434	5953N	15425W	48.7	144.6	GGGG			77	18
2533-20450	00000/0000	2-10020/0651	07/08/76	20	7434	5830N	15521W	49.6	142.5	GGGG			77	19
2533-20453	00000/0000	2-10020/0652	07/08/76	30	7434	5708N	15615W	50.4	140.4	GGGG			77	20
2533-20455	00000/0000	2-10020/0653	07/08/76	10	7434	5544N	15705W	51.2	138.3	GGGG			77	21
2533-20462	00000/0000	2-10020/0654	07/08/76	60	7434	5421N	15753W	52.0	136.2	GGGG			77	22
2534-15435	00000/0000	2-10020/0658	07/09/76	40	7445	4843N	08438W	54.5	127.5	GGGG			24	26
2534-15442	00000/0000	2-10020/0659	07/09/76	30	7445	4718N	08514W	55.1	125.2	GFGG			24	27
2534-15444	00000/0000	2-10020/0670	07/09/76	50	7445	4553N	08549W	55.6	122.9	GFGG			24	28
2534-15451	00000/0000	2-10020/0671	07/09/76	60	7445	4429N	08622W	56.1	120.5	GGGG			24	29
2534-15453	00000/0000	2-10020/0672	07/09/76	70	7445	4304N	08655W	56.5	118.2	GGGG			24	30
2534-15460	00000/0000	2-10020/0673	07/09/76	40	7445	4139N	08726W	56.9	115.7	GGGG			24	31
2534-15462	00000/0000	2-10020/0674	07/09/76	20	7445	4014N	08756W	57.2	113.3	GGGG			24	32
2534-15465	00000/0000	2-10020/0675	07/09/76	20	7445	3848N	08824W	57.4	110.8	GGGG			24	33
2534-15471	00000/0000	2-10020/0676	07/09/76	30	7445	3723N	08852W	57.6	108.3	GGGG			24	34
2534-15474	00000/0000	2-10020/0677	07/09/76	10	7445	3558N	08919W	57.8	105.8	GGGG			24	35
2534-15480	00000/0000	2-10020/0678	07/09/76	20	7445	3433N	08945W	57.9	103.3	GGGG			24	36
2534-15483	00000/0000	2-10020/0679	07/09/76	10	7445	3308N	09011W	57.9	100.8	GGGG			24	37
2534-15485	00000/0000	2-10020/0680	07/09/76	20	7445	3143N	09037W	57.9	98.3	GGGG			24	38
2534-15492	00000/0000	2-10020/0681	07/09/76	70	7445	3016N	09101W	57.8	95.9	GGGG			24	39
2534-15494	00000/0000	2-10020/0682	07/09/76	90	7445	2850N	09126W	57.7	93.4	GGGG			24	40
2534-17264	00000/0000	2-10020/0655	07/09/76	60	7446	5008N	10951W	53.9	129.7	GGGG			42	25
2534-17271	00000/0000	2-10020/0656	07/09/76	80	7446	4843N	11029W	54.5	127.5	GGGG			42	26
2534-17273	00000/0000	2-10020/0657	07/09/76	50	7446	4719N	11105W	55.1	125.2	GGGG			42	27
2534-17280	00000/0000	2-10020/0658	07/09/76	20	7446	4554N	11140W	55.6	122.9	GGGG			42	28
2534-17282	00000/0000	2-10020/0659	07/09/76	10	7446	4429N	11213W	56.1	120.5	GGGG			42	29
2534-17285	00000/0000	2-10020/0660	07/09/76	0	7446	4303N	11245W	56.5	118.2	GGGG			42	30
2534-17291	00000/0000	2-10020/0661	07/09/76	0	7446	4139N	11316W	56.9	115.7	GGGG			42	31
2534-17294	00000/0000	2-10020/0662	07/09/76	0	7446	4013N	11346W	57.2	113.3	GGGG			42	32
2534-17300	00000/0000	2-10020/0663	07/09/76	0	7446	3848N	11415W	57.4	110.8	GFGG			42	33
2534-17303	00000/0000	2-10020/0664	07/09/76	0	7446	3722N	11443W	57.6	108.3	GGGG			42	34
2534-17305	00000/0000	2-10020/0665	07/09/76	0	7446	3558N	11510W	57.8	105.8	GGGG			42	35
2534-17312	00000/0000	2-10020/0666	07/09/76	0	7446	3432N	11536W	57.9	103.3	GGGG			42	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 26, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0210

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER	
2534-17314	00000/0000	2-10020/0667	07/09/76	10	7446	3306N	11602W	57.9	100.8	GGGG		42	37
2534-20470	00000/0000	2-10020/0696	07/09/76	40	7448	7034N	14417W	41.0	163.2	GGGG		78	10
2534-20472	00000/0000	2-10020/0697	07/09/76	90	7448	6917N	14617W	42.0	160.5	GGGG		78	11
2534-20475	00000/0000	2-10020/0698	07/09/76	90	7448	6759N	14804W	43.0	157.9	GGGG		78	12
2534-20481	00000/0000	2-10020/0699	07/09/76	60	7448	6640N	14941W	44.0	155.5	GGGG		78	13
2534-20484	00000/0000	2-10020/0700	07/09/76	60	7448	6519N	15109W	45.0	153.2	GGGG		78	14
2534-20490	00000/0000	2-10020/0701	07/09/76	70	7448	6358N	15229W	45.9	151.0	GGGG		78	15
2534-20493	00000/0000	2-10020/0702	07/09/76	80	7448	6237N	15341W	46.9	148.8	GGGG		78	16
2534-20495	00000/0000	2-10020/0703	07/09/76	50	7448	6115N	15448W	47.8	146.7	GGGG		78	17
2534-20502	00000/0000	2-10020/0704	07/09/76	20	7448	5952N	15550W	48.6	144.6	GGGG		78	18
2534-20504	00000/0000	2-10020/0705	07/09/76	20	7448	5829N	15647W	49.5	142.5	GGGG		78	19
2534-20511	00000/0000	2-10020/0706	07/09/76	10	7448	5706N	15741W	50.3	140.4	GGGG		78	20
2534-20513	00000/0000	2-10020/0707	07/09/76	50	7448	5542N	15831W	51.1	138.3	GGGG		78	21
2534-20520	00000/0000	2-10020/0708	07/09/76	90	7448	5419N	15918W	51.8	136.2	GGGG		78	22
2534-22352	00000/0000	2-10020/0709	07/09/76	100	7449	5418N	17451E	51.8	136.2	GGGG		96	22
2535-15493	00000/0000	2-10020/0726	07/10/76	70	7459	4842N	08605W	54.4	127.5	GGFG		25	26
2535-15500	00000/0000	2-10020/0727	07/10/76	70	7459	4717N	08641W	55.0	125.2	GGGG		25	27
2535-15502	00000/0000	2-10020/0728	07/10/76	40	7459	4552N	08715W	55.5	122.9	GGGF		25	28
2535-15505	00000/0000	2-10020/0729	07/10/76	40	7459	4428N	08749W	56.0	120.6	GGGG		25	29
2535-15511	00000/0000	2-10020/0730	07/10/76	20	7459	4303N	08821W	56.4	118.2	GGGG		25	30
2535-15514	00000/0000	2-10020/0731	07/10/76	10	7459	4137N	08852W	56.7	115.8	GGGG		25	31
2535-15520	00000/0000	2-10020/0732	07/10/76	10	7459	4013N	08922W	57.1	113.4	GGGG		25	32
2535-15523	00000/0000	2-10020/0733	07/10/76	10	7459	3848N	08951W	57.3	110.9	GGGG		25	33
2535-15525	00000/0000	2-10020/0734	07/10/76	10	7459	3722N	09019W	57.5	108.4	GGGG		25	34
2535-15534	00000/0000	2-10020/0735	07/10/76	10	7459	3431N	09112W	57.8	103.5	GGGG		25	35
2535-15541	00000/0000	2-10020/0736	07/10/76	20	7459	3306N	09138W	57.8	101.0	GGGG		25	36
2535-15543	00000/0000	2-10020/0737	07/10/76	70	7459	3141N	09203W	57.8	98.5	GGGG		25	37
2535-15550	00000/0000	2-10020/0738	07/10/76	90	7459	3014N	09228W	57.7	96.0	GGFF		25	38
2535-15552	00000/0000	2-10020/0739	07/10/76	90	7459	2847N	09252W	57.6	93.6	GGFF		25	39
2535-17323	00000/0000	2-10020/0614	07/10/76	10	7460	5006N	11117W	53.8	129.7	GGGG		43	40
2535-17325	00000/0000	2-10020/0615	07/10/76	10	7460	4842N	11155W	54.4	127.5	GGGG		43	25
2535-17332	00000/0000	2-10020/0616	07/10/76	40	7460	4717N	11232W	55.0	125.2	GGGG		43	26
2535-17334	00000/0000	2-10020/0617	07/10/76	10	7460	4553N	11306W	55.5	122.9	GGGG		43	27
2535-17341	00000/0000	2-10020/0618	07/10/76	10	7460	4428N	11340W	55.9	120.6	GGGG		43	28
2535-17343	00000/0000	2-10020/0619	07/10/76	0	7460	4303N	11411W	56.4	118.2	GGGG		43	29
2535-17350	00000/0000	2-10020/0620	07/10/76	0	7460	4137N	11442W	56.7	115.8	GGGG		43	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANOSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0211

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLBUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2535-17352	00000/0000 2-10020/0621	07/10/76	0	7460	4012N	11511W	57.1 113.4	GGGG			43	32
2535-17355	00000/0000 2-10020/0622	07/10/76	0	7460	3847N	11540W	57.3 110.9	GGGG			43	33
2535-17361	00000/0000 2-10020/0623	07/10/76	10	7460	3721N	11608W	57.5 108.5	GGGG			43	34
2535-17364	00000/0000 2-10020/0624	07/10/76	10	7460	3556N	11635W	57.7 106.0	GGGG			43	35
2535-17370	00000/0000 2-10020/0625	07/10/76	10	7460	3430N	11702W	57.8 103.5	GGGG			43	36
2535-17373	00000/0000 2-10020/0626	07/10/76	70	7460	3304N	11729W	57.8 101.0	GGGG			43	37
2535-17375	00000/0000 2-10020/0627	07/10/76	90	7460	3138N	11754W	57.8 98.5	GGGG			43	38
2535-20524	00000/0000 2-10020/0740	07/10/76	60	7462	7036N	14537W	40.9 163.2	FGGG			79	10
2535-20531	00000/0000 2-10020/0741	07/10/76	70	7462	6920N	14738W	41.9 160.5	FGGG			79	11
2535-20533	00000/0000 2-10020/0742	07/10/76	60	7462	6801N	14926W	42.9 158.0	FGGG			79	12
2535-20540	00000/0000 2-10020/0743	07/10/76	70	7462	6641N	15103W	43.9 155.6	GFF			79	13
2535-20551	00000/0000 2-10020/0744	07/10/76	60	7462	6238N	15505W	46.7 148.9	FG G			79	16
2535-20554	00000/0000 2-10020/0745	07/10/76	40	7462	6116N	15612W	47.6 146.8	FFFF			79	17
2535-20560	00000/0000 2-10020/0746	07/10/76	20	7462	5954N	15714W	48.5 144.7	FGGG			79	18
2535-20563	00000/0000 2-10020/0747	07/10/76	60	7462	5822N	15811W	49.3 142.6	FGGG			79	19
2535-20565	00000/0000 2-10020/0748	07/10/76	80	7462	5709N	15904W	50.1 140.5	GGGG			79	20
2535-20572	00000/0000 2-10020/0749	07/10/76	90	7462	5546N	15954W	50.9 138.4	GGGG			79	21
2535-20574	00000/0000 2-10020/0750	07/10/76	100	7462	5422N	16042W	51.7 136.3	GGGG			79	22
2536-15552	00000/0000 2-10020/0710	07/11/76	90	7473	4845N	08729W	54.3 127.6	GGGG			26	26
2536-15554	00000/0000 2-10020/0711	07/11/76	90	7473	4720N	08805W	54.8 125.4	GGGG			26	27
2536-15561	00000/0000 2-10020/0712	07/11/76	40	7473	4555N	08840W	55.3 123.1	GGGG			26	28
2536-15563	00000/0000 2-10020/0713	07/11/76	10	7473	4430N	08913W	55.8 120.8	GGGG			26	29
2536-15570	00000/0000 2-10020/0714	07/11/76	30	7473	4305N	08946W	56.2 118.4	GGGG			26	30
2536-15572	00000/0000 2-10020/0715	07/11/76	10	7473	4140N	09017W	56.6 116.0	GGGG			26	31
2536-15575	00000/0000 2-10020/0716	07/11/76	0	7473	4015N	09047W	56.9 113.6	GGGG			26	32
2536-15581	00000/0000 2-10020/0717	07/11/76	0	7473	3850N	09115W	57.2 111.1	GGGG			26	33
2536-15584	00000/0000 2-10020/0718	07/11/76	0	7473	3724N	09143W	57.4 108.7	GGGG			26	34
2536-15590	00000/0000 2-10020/0719	07/11/76	10	7473	3559N	09210W	57.6 106.2	GGGG			26	35
2536-15593	00000/0000 2-10020/0720	07/11/76	10	7473	3434N	09237W	57.7 103.7	GGGG			26	36
2536-15595	00000/0000 2-10020/0721	07/11/76	50	7473	3308N	09303W	57.7 101.2	GGGG			26	37
2536-16002	00000/0000 2-10020/0722	07/11/76	90	7473	3142N	09329W	57.7 98.7	GGGG			26	38
2536-16004	00000/0000 2-10020/0723	07/11/76	90	7473	3016N	09353W	57.6 96.3	GGGG			26	39
2536-16011	00000/0000 2-10020/0724	07/11/76	80	7473	2851N	09417W	57.5 93.9	GGGG			26	40
2536-16013	00000/0000 2-10020/0725	07/11/76	50	7473	2725N	09441W	57.3 91.5	GGGG			26	41
2536-16020	00000/0000 2-10020/0726	07/11/76	60	7473	2559N	09505W	57.1 89.1	GGGG			26	42
2536-17381	00000/0000 2-10020/0683	07/11/76	50	7474	5009N	11242W	53.6 129.9	PFGG			44	25

KEYS: CLBUD COVER % ..... 0 TO 100 = % CLBUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0212

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS QUAL MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2536-17383	00000/0000	2-10020/0684	07/11/76	10	7474	4845N	11319W	54.2	127.6	FGFF				
2536-17390	00000/0000	2-10020/0685	07/11/76	10	7474	4720N	11356W	54.8	125.4	FGPG			44	26
2536-17392	00000/0000	2-10020/0686	07/11/76	10	7474	4556N	11430W	55.3	123.1	FGFG			44	27
2536-17395	00000/0000	2-10020/0687	07/11/76	30	7474	4430N	11504W	55.8	120.8	FGGG			44	28
2536-17401	00000/0000	2-10020/0688	07/11/76	50	7474	4305N	11536W	56.2	118.4	GGGG			44	29
2536-17404	00000/0000	2-10020/0689	07/11/76	40	7474	4140N	11606W	56.6	116.0	GGGG			44	30
2536-17410	00000/0000	2-10020/0690	07/11/76	20	7474	4015N	11636W	56.9	113.6	GGGF			44	31
2536-17413	00000/0000	2-10020/0691	07/11/76	10	7474	3850N	11705W	57.2	111.1	FGGF			44	32
2536-17415	00000/0000	2-10020/0692	07/11/76	10	7474	3724N	11733W	57.4	108.7	FFGG			44	33
2536-17422	00000/0000	2-10020/0693	07/11/76	0	7474	3558N	11801W	57.6	106.2	FGGG			44	34
2536-17424	00000/0000	2-10020/0694	07/11/76	20	7474	3433N	11827W	57.7	103.7	GGFF			44	35
2536-17431	00000/0000	2-10020/0695	07/11/76	90	7474	3308N	11853W	57.7	101.2	FFFF			44	36
2536-20582	00000/0000	2-10020/0837	07/11/76	80	7476	7035N	14711W	40.7	163.2	GGGG			80	37
2536-20585	00000/0000	2-10020/0838	07/11/76	20	7476	6918N	14911W	41.8	160.5	GGGG			80	10
2536-20591	00000/0000	2-10020/0839	07/11/76	20	7476	6759N	15059W	42.8	157.9	GGGG			80	11
2536-20594	00000/0000	2-10020/0840	07/11/76	40	7476	6640N	15236W	43.7	155.5	GGGG			80	12
2536-21000	00000/0000	2-10020/0841	07/11/76	20	7476	6520N	15403W	44.7	153.2	GGGG			80	13
2536-21003	00000/0000	2-10020/0842	07/11/76	20	7476	6359N	15523W	45.7	151.0	GGGG			80	14
2536-21005	00000/0000	2-10020/0843	07/11/76	40	7476	6238N	15636W	46.6	148.8	GGGG			80	15
2536-21012	00000/0000	2-10020/0844	07/11/76	90	7476	6115N	15742W	47.5	146.7	GGGG			80	16
2536-21014	00000/0000	2-10020/0845	07/11/76	90	7476	5953N	15844W	48.3	144.6	GGGG			80	17
2536-21021	00000/0000	2-10020/0846	07/11/76	90	7476	5830N	15942W	49.2	142.6	GGGG			80	18
2536-21023	00000/0000	2-10020/0847	07/11/76	90	7476	5717N	16035W	50.0	140.5	GGGG			80	19
2536-21030	00000/0000	2-10020/0848	07/11/76	90	7476	5544N	16125W	50.8	138.4	GGGG			80	20
2536-21032	00000/0000	2-10020/0849	07/11/76	50	7476	5420N	16212W	51.6	136.3	GGGG			80	21
2537-16010	00000/0000	2-10020/0765	07/12/76	10	7487	4843N	08857W	54.1	127.7	GGGG			27	22
2537-16030	00000/0000	2-10020/0766	07/12/76	0	7487	4139N	09145W	56.5	116.1	GGGG			27	23
2537-16033	00000/0000	2-10020/0767	07/12/76	10	7487	4014N	09215W	56.8	113.7	GGGG			27	24
2537-16035	00000/0000	2-10020/0768	07/12/76	10	7487	3848N	09244W	57.1	111.3	GGGG			27	25
2537-16042	00000/0000	2-10020/0769	07/12/76	10	7487	3723N	09312W	57.3	108.8	GGGG			27	26
2537-16044	00000/0000	2-10020/0770	07/12/76	10	7487	3557N	09339W	57.5	106.3	GGGG			27	27
2537-16051	00000/0000	2-10020/0771	07/12/76	10	7487	3431N	09406W	57.6	103.9	GGGG			27	28
2537-16053	00000/0000	2-10020/0772	07/12/76	20	7487	3306N	09432W	57.6	101.4	GGGG			27	29
2537-16060	00000/0000	2-10020/0787	07/12/76	70	7487	3139N	09456W	57.6	98.9	FFFF			27	30
2537-16062	00000/0000	2-10020/0788	07/12/76	80	7487	3014N	09520W	57.5	96.5	FFFF			27	31
2537-16065	00000/0000	2-10020/0789	07/12/76	60	7487	2848N	09544W	57.4	94.0	FFFF			27	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0213

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RSV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2537-16071	00000/0000 2-10020/0790	07/12/76	70	7487	2723N	09608W	57.2 91.7	FFFF		27	41
2537-16074	00000/0000 2-10020/0791	07/12/76	50	7487	2557N	09630W	57.0 89.3	FFFF		27	42
2537-16080	00000/0000 2-10020/0792	07/12/76	60	7487	2430N	09653W	56.7 87.0	FFFF		27	43
2537-17444	00000/0000 2-10020/0805	07/12/76	90	7488	4718N	11521W	54.7 125.4	FFGF		45	27
2537-17451	00000/0000 2-10020/0806	07/12/76	90	7488	4553N	11555W	55.2 123.2	GGGP		45	28
2537-17453	00000/0000 2-10020/0807	07/12/76	60	7488	4429N	11629W	55.7 120.9	GGGF		45	29
2537-17462	00000/0000 2-10020/0808	07/12/76	20	7488	4139N	11732W	56.5 116.1	FFFF		45	31
2537-17465	00000/0000 2-10020/0809	07/12/76	0	7488	4014N	11802W	56.8 113.7	FFFF		45	32
2537-17471	00000/0000 2-10020/0810	07/12/76	0	7488	3848N	11831W	57.1 111.3	FFFF		45	33
2537-17474	00000/0000 2-10020/0811	07/12/76	0	7488	3722N	11859W	57.3 108.8	FFFF		45	34
2537-17480	00000/0000 2-10020/0812	07/12/76	0	7488	3556N	11927W	57.5 106.3	FFFF		45	35
2537-21041	00000/0000 2-10020/0773	07/12/76	90	7490	7038N	14832W	40.6 163.2	GGGG		81	10
2537-21043	00000/0000 2-10020/0774	07/12/76	10	7490	6920N	15032W	41.6 160.5	GGGG		81	11
2537-21050	00000/0000 2-10020/0775	07/12/76	30	7490	6801N	15220W	42.6 158.0	GGGG		81	12
2537-21052	00000/0000 2-10020/0776	07/12/76	10	7490	6642N	15357W	43.6 155.3	GGGG		81	13
2537-21055	00000/0000 2-10020/0777	07/12/76	10	7490	6522N	15524W	44.5 153.3	GGGG		81	14
2537-21061	00000/0000 2-10020/0778	07/12/76	20	7490	6401N	15644W	45.5 151.1	GGGG		81	15
2537-21064	00000/0000 2-10020/0779	07/12/76	50	7490	6240N	15757W	46.4 148.9	GGGG		81	16
2537-21070	00000/0000 2-10020/0780	07/12/76	90	7490	6118N	15905W	47.3 146.8	GGGG		81	17
2537-21073	00000/0000 2-10020/0781	07/12/76	90	7490	5955N	16007W	48.2 144.7	GGGG		81	18
2537-21075	00000/0000 2-10020/0782	07/12/76	90	7490	5832N	16105W	49.0 142.6	GGGG		81	19
2537-21082	00000/0000 2-10020/0783	07/12/76	90	7490	5709N	16159W	49.8 140.6	GGGG		81	20
2537-21084	00000/0000 2-10020/0784	07/12/76	80	7490	5546N	16249W	50.6 138.5	GGGG		81	21
2537-21091	00000/0000 2-10020/0785	07/12/76	90	7490	5422N	16337W	51.4 136.4	GGGG		81	22
2537-21093	00000/0000 2-10020/0786	07/12/76	80	7490	5258N	16422W	52.1 134.3	GGGG		81	23
2538-14235	00000/0000 2-10020/0813	07/13/76	100	7500	4720N	06508W	54.6 125.6	FGGG		10	27
2538-14242	00000/0000 2-10020/0814	07/13/76	100	7500	4554N	06543W	55.1 123.3	FGGG		10	28
2538-14244	00000/0000 2-10020/0815	07/13/76	100	7500	4431N	06616W	55.6 121.0	FGGG		10	29
2538-14251	00000/0000 2-10020/0816	07/13/76	70	7500	4306N	06649W	56.0 118.7	GGGG		10	30
2538-16064	00000/0000 2-10020/0817	07/13/76	70	7501	4845N	09023W	54.0 127.8	GGGG		28	26
2538-16071	00000/0000 2-10020/0818	07/13/76	50	7501	4720N	09059W	54.5 125.6	GGGG		28	27
2538-16073	00000/0000 2-10020/0819	07/13/76	30	7501	4556N	09134W	55.1 123.3	GGGG		28	28
2538-16080	00000/0000 2-10020/0820	07/13/76	20	7501	4432N	09208W	55.5 121.0	GGGG		28	29
2538-16082	00000/0000 2-10020/0821	07/13/76	10	7501	4307N	09240W	56.0 118.7	GGGG		28	30
2538-16085	00000/0000 2-10020/0825	07/13/76	0	7501	4141N	09311W	56.4 116.3	GGGG		28	31
2538-16091	00000/0000 2-10020/0826	07/13/76	0	7501	4016N	09340W	56.7 113.9	GGGG		28	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0214

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER COVER NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678	MSS MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2538-16094	00000/0000	2-10020/0827	07/13/76	0	7501	3850N	09409W	57.0	111.5	GGGG	
2538-16100	00000/0000	2-10020/0828	07/13/76	0	7501	3724N	09437W	57.2	109.1	GGGG	28 33
2538-16103	00000/0000	2-10020/0829	07/13/76	10	7501	3559N	09504W	57.4	106.6	GGGG	28 34
2538-16105	00000/0000	2-10020/0830	07/13/76	10	7501	3434N	09531W	57.5	104.1	GGGG	28 35
2538-16112	00000/0000	2-10020/0831	07/13/76	30	7501	3309N	09557W	57.5	101.7	GGGG	28 36
2538-16114	00000/0000	2-10020/0832	07/13/76	60	7501	3142N	09622W	57.5	99.2	GGGG	28 37
2538-16121	00000/0000	2-10020/0833	07/13/76	60	7501	3016N	09646W	57.5	96.8	GGGG	28 38
2538-16123	00000/0000	2-10020/0834	07/13/76	70	7501	2850N	09710W	57.3	94.3	GGGG	28 39
2538-16130	00000/0000	2-10020/0835	07/13/76	60	7501	2725N	09734W	57.2	92.0	GGGG	28 40
2538-16132	00000/0000	2-10020/0836	07/13/76	90	7501	2558N	09757W	56.9	89.6	GGGG	28 41
2538-17493	00000/0000	2-10020/0850	07/13/76	80	7502	5009N	11532W	53.3	130.0	GGGG	28 42
2538-17500	00000/0000	2-10020/0851	07/13/76	20	7502	4845N	11610W	54.0	127.8	GGGG	46 25
2538-17502	00000/0000	2-10020/0852	07/13/76	10	7502	4721N	11646W	54.5	125.6	GGGG	46 26
2538-17505	00000/0000	2-10020/0853	07/13/76	10	7502	4556N	11720W	55.1	123.3	GGGG	46 27
2538-17511	00000/0000	2-10020/0854	07/13/76	10	7502	4431N	11754W	55.5	121.0	GGGG	46 28
2538-17514	00000/0000	2-10020/0855	07/13/76	10	7502	4306N	11826W	56.0	118.7	GGGG	46 29
2538-17520	00000/0000	2-10020/0856	07/13/76	10	7502	4140N	11857W	56.4	116.3	GGGG	46 30
2538-17523	00000/0000	2-10020/0857	07/13/76	10	7502	4015N	11928W	56.7	113.9	GGGG	46 31
2538-17525	00000/0000	2-10020/0858	07/13/76	0	7502	3850N	11957W	57.0	111.5	GGGG	46 32
2538-17532	00000/0000	2-10020/0859	07/13/76	10	7502	3724N	12025W	57.2	109.1	GGGG	46 33
2538-17534	00000/0000	2-10020/0860	07/13/76	30	7502	3559N	12052W	57.4	106.6	GGGG	46 34
2538-17541	00000/0000	2-10020/0861	07/13/76	90	7502	3434N	12119W	57.5	104.1	GGGG	46 35
2538-21095	00000/0000	2-10020/0862	07/13/76	20	7504	7036N	14958W	40.4	163.1	GGGG	82 10
2538-21101	00000/0000	2-10020/0863	07/13/76	30	7504	6919N	15159W	41.5	160.4	GGGG	82 11
2538-21104	00000/0000	2-10020/0864	07/13/76	50	7504	6800N	15348W	42.5	157.9	GGGG	82 12
2538-21110	00000/0000	2-10020/0865	07/13/76	10	7504	6641N	15525W	43.4	155.5	GGGG	82 13
2538-21113	00000/0000	2-10020/0866	07/13/76	10	7504	6521N	15653W	44.4	153.2	GGGG	82 14
2538-21115	00000/0000	2-10020/0867	07/13/76	10	7504	6359N	15811W	45.3	151.0	GGGG	82 15
2538-21122	00000/0000	2-10020/0868	07/13/76	30	7504	6238N	15922W	46.3	148.9	GGGG	82 16
2538-21124	00000/0000	2-10020/0869	07/13/76	90	7504	6117N	16029W	47.2	146.8	GGGG	82 17
2538-21131	00000/0000	2-10020/0870	07/13/76	80	7504	5954N	16132W	48.0	144.7	GGGG	82 18
2538-21133	00000/0000	2-10020/0871	07/13/76	90	7504	5832N	16230W	48.9	142.6	GGGG	82 19
2538-21140	00000/0000	2-10020/0872	07/13/76	90	7504	5709N	16324W	49.7	140.6	GGGG	82 20
2538-21142	00000/0000	2-10020/0873	07/13/76	90	7504	5545N	16415W	50.5	138.5	GGGG	82 21
2538-21145	00000/0000	2-10020/0874	07/13/76	80	7504	5421N	16503W	51.3	136.4	GGGG	82 22
2538-21151	00000/0000	2-10020/0875	07/13/76	70	7504	5257N	16548W	52.0	134.3	GGGG	82 23

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US

PAGE 0215

FROM 01/22/76 TO 01/22/77

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLCUD COVER	SRBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2539-14293	00000/0000	2-10020/0485	07/14/76	100	7514	4719N	06635W	54.4	125.7	GGGG			11	27
2539-14300	00000/0000	2-10020/0486	07/14/76	100	7514	4555N	06710W	54.9	123.4	GGGG			11	28
2539-14302	00000/0000	2-10020/0487	07/14/76	90	7514	4430N	06743W	55.4	121.1	FGGG			11	29
2539-14305	00000/0000	2-10020/0488	07/14/76	90	7514	4304N	06816W	55.9	118.8	GGGG			11	30
2539-14311	00000/0000	2-10020/0489	07/14/76	70	7514	4139N	06846W	56.3	116.4	GGGG			11	31
2539-14314	00000/0000	2-10020/0490	07/14/76	70	7514	4014N	06916W	56.6	114.0	GGGG			11	32
2539-16122	00000/0000	2-10020/0897	07/14/76	30	7515	4844N	09150W	53.8	127.9	GGGG			29	26
2539-16125	00000/0000	2-10020/0898	07/14/76	30	7515	4719N	09227W	54.4	125.7	GGGG			29	27
2539-16131	00000/0000	2-10020/0899	07/14/76	30	7515	4554N	09301W	54.9	123.4	FGGG			29	28
2539-16134	00000/0000	2-10020/0900	07/14/76	20	7515	4429N	09334W	55.4	121.1	GGGG			29	29
2539-16140	00000/0000	2-10020/0901	07/14/76	80	7515	4304N	09406W	55.9	118.8	FGGG			29	30
2539-16143	00000/0000	2-10020/0902	07/14/76	40	7515	4140N	09437W	56.2	116.4	FGGG			29	31
2539-16145	00000/0000	2-10020/0903	07/14/76	10	7515	4014N	09506W	56.6	114.1	GGGG			29	32
2539-16152	00000/0000	2-10020/0904	07/14/76	0	7515	3848N	09536W	56.9	111.6	GGGG			29	33
2539-16154	00000/0000	2-10020/0905	07/14/76	20	7515	3723N	09604W	57.1	109.2	GGGG			29	34
2539-16161	00000/0000	2-10020/0906	07/14/76	30	7515	3558N	09631W	57.3	106.8	GGGG			29	35
2539-16163	00000/0000	2-10020/0907	07/14/76	80	7515	3431N	09656W	57.4	104.3	GGGG			29	36
2539-16170	00000/0000	2-10020/0908	07/14/76	80	7515	3306N	09722W	57.4	101.8	GGGG			29	37
2539-16172	00000/0000	2-10020/0909	07/14/76	90	7515	3141N	09746W	57.4	99.4	GGGG			29	38
2539-16175	00000/0000	2-10020/0910	07/14/76	90	7515	3016N	09811W	57.4	97.0	GGGG			29	39
2539-16181	00000/0000	2-10020/0911	07/14/76	100	7515	2849N	09835W	57.3	94.5	GGGF			29	40
2539-16184	00000/0000	2-10020/0912	07/14/76	90	7515	2722N	09859W	57.1	92.2	GGGF			29	41
2539-16190	00000/0000	2-10020/0913	07/14/76	70	7515	2556N	09923W	56.9	89.8	GGGG			29	42
2539-17552	00000/0000	2-10020/0794	07/14/76	50	7516	5008N	11659W	53.2	130.1	FFFF			47	25
2539-17554	00000/0000	2-10020/0795	07/14/76	20	7516	4844N	11737W	53.8	127.9	GGFP			47	26
2539-17561	00000/0000	2-10020/0796	07/14/76	10	7516	4719N	11813W	54.4	125.7	GGFP			47	27
2539-17563	00000/0000	2-10020/0797	07/14/76	0	7516	4554N	11847W	54.9	123.4	GGFP			47	28
2539-17570	00000/0000	2-10020/0798	07/14/76	0	7516	4430N	11920W	55.4	121.1	GGFP			47	29
2539-17572	00000/0000	2-10020/0799	07/14/76	0	7516	4304N	11952W	55.8	118.8	GGPP			47	30
2539-17575	00000/0000	2-10020/0800	07/14/76	0	7516	4139N	12023W	56.2	116.5	GGFF			47	31
2539-17581	00000/0000	2-10020/0801	07/14/76	0	7516	4014N	12053W	56.6	114.1	GGFF			47	32
2539-17584	00000/0000	2-10020/0802	07/14/76	0	7516	3849N	12122W	56.9	111.7	GGFP			47	33
2539-17590	00000/0000	2-10020/0803	07/14/76	30	7516	3723N	12150W	57.1	109.2	FPFP			47	34
2539-17593	00000/0000	2-10020/0793	07/14/76	90	7516	3558N	12218W	57.3	106.8	F PP			47	35
2539-17595	00000/0000	2-10020/0804	07/14/76	100	7516	3433N	12245W	57.4	104.3	PP			47	36
2539-21153	00000/0000	2-10020/0914	07/14/76	0	7518	7035N	15128W	40.3	163.1	GGGG			83	10

KEYS: CLCUD COVER % ..... 0 TO 100 \* % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0216

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO. IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2539-21160	00000/0000	2-10020/0915	07/14/76	10	7518	6918N	15329W	41.3	160.4	GGGG			83	11
2539-21162	00000/0000	2-10020/0916	07/14/76	60	7518	6800N	15516W	42.3	157.9	GGGG			83	12
2539-21165	00000/0000	2-10020/0917	07/14/76	60	7518	6640N	15453W	43.3	155.5	GGGG			83	13
2539-21171	00000/0000	2-10020/0918	07/14/76	50	7518	6519N	15420W	44.3	153.2	GGGG			83	14
2539-21174	00000/0000	2-10020/0919	07/14/76	40	7518	6358N	15940W	45.2	151.0	GGGG			83	15
2539-21180	00000/0000	2-10020/0920	07/14/76	60	7518	6237N	16052W	46.1	148.9	GGGG			83	16
2539-21183	00000/0000	2-10020/0921	07/14/76	80	7518	6115N	16158W	47.0	146.8	GGGG			83	17
2539-21185	00000/0000	2-10020/0922	07/14/76	70	7518	5953N	16300W	47.9	144.7	GGGG			83	18
2539-21192	00000/0000	2-10020/0923	07/14/76	90	7518	5831N	16357W	48.7	142.6	GGGG			83	19
2539-21194	00000/0000	2-10020/0924	07/14/76	90	7518	5708N	16450W	49.6	140.6	GGGG			83	20
2539-21201	00000/0000	2-10020/0925	07/14/76	90	7518	5544N	16541W	50.4	138.5	GGGG			83	21
2539-21203	00000/0000	2-10020/0926	07/14/76	90	7518	5420N	16628W	51.1	136.4	GGGG			83	22
2539-21210	00000/0000	2-10020/0927	07/14/76	70	7518	5257N	16713W	51.8	134.4	GGGG			83	23
2540-14352	00000/0000	2-10020/0928	07/15/76	70	7528	4718N	06802W	54.3	125.8	FFFF			12	27
2540-14354	00000/0000	2-10020/0929	07/15/76	90	7528	4553N	06837W	54.8	123.5	FFFF			12	28
2540-14361	00000/0000	2-10020/0930	07/15/76	80	7528	4427N	06910W	55.3	121.2	GGGG			12	29
2540-14363	00000/0000	2-10020/0931	07/15/76	70	7528	4302N	06943W	55.7	118.9	GGGG			12	30
2540-14370	00000/0000	2-10020/0932	07/15/76	60	7528	4198N	07013W	56.1	116.6	GGGG			12	31
2540-14372	00000/0000	2-10020/0933	07/15/76	10	7528	4012N	07043W	56.5	114.2	GGGG			12	32
2540-14375	00000/0000	2-10020/0934	07/15/76	20	7528	3847N	07112W	56.8	111.8	GGGG			12	33
2540-14381	00000/0000	2-10020/0935	07/15/76	10	7528	3721N	07140W	57.0	109.4	GGGG			12	34
2540-14384	00000/0000	2-10020/0936	07/15/76	20	7528	3556N	07207W	57.2	106.9	GGGG			12	35
2540-16181	00000/0000	2-10020/0947	07/15/76	90	7529	4843N	09314W	53.7	128.0	GGG			30	26
2540-16183	00000/0000	2-10020/0948	07/15/76	70	7529	4718N	09351W	54.3	125.8	GGFG			30	27
2540-16190	00000/0000	2-10020/0949	07/15/76	40	7529	4554N	09425W	54.8	123.5	GGGG			30	28
2540-16192	00000/0000	2-10020/0950	07/15/76	30	7529	4429N	09459W	55.3	121.2	GGGG			30	29
2540-16195	00000/0000	2-10020/0951	07/15/76	60	7529	4303N	09530W	55.7	118.9	GGGG			30	30
2540-16201	00000/0000	2-10020/0952	07/15/76	90	7529	4139N	09601W	56.1	116.6	GGGG			30	31
2540-16204	00000/0000	2-10020/0953	07/15/76	80	7529	4013N	09631W	56.5	114.2	GGGG			30	32
2540-16210	00000/0000	2-10020/0954	07/15/76	40	7529	3848N	09700W	56.7	111.8	GGGG			30	33
2540-16213	00000/0000	2-10020/0955	07/15/76	50	7529	3722N	09728W	57.0	109.4	GGGG			30	34
2540-16215	00000/0000	2-10020/0956	07/15/76	70	7529	3556N	09755W	57.1	106.9	GGGG			30	35
2540-16222	00000/0000	2-10020/0957	07/15/76	90	7529	3431N	09821W	57.3	104.5	GGGG			30	36
2540-16224	00000/0000	2-10020/0958	07/15/76	80	7529	3305N	09847W	57.3	102.0	GGGG			30	37
2540-16231	00000/0000	2-10020/0959	07/15/76	70	7529	3140N	09912W	57.3	99.6	GGGG			30	38
2540-16233	00000/0000	2-10020/0960	07/15/76	70	7529	3014N	09936W	57.3	97.2	GGGG			30	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 26, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0217

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RRV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RRV MSS DATA 123 45678	MSS MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RAW NUMBER
2540-16240	00000/0000 2-10020/0961	07/15/76	90	7529	2848N	09959W	57.2	94.8	GGGG		30	40
2540-16242	00000/0000 2-10020/0962	07/15/76	90	7529	2723N	10023W	57.0	92.4	GGGG		30	41
2540-16245	00000/0000 2-10020/0963	07/15/76	80	7529	2557N	10046W	56.8	90.1	GGGG		30	42
2540-18010	00000/0000 2-10020/0937	07/15/76	0	7530	5007N	11826W	53.1	130.2	GGG		48	25
2540-18012	00000/0000 2-10020/0938	07/15/76	0	7530	4843N	11904W	53.7	128.0	GGG		48	26
2540-18015	00000/0000 2-10020/0939	07/15/76	0	7530	4718N	11940W	54.3	125.8	FGGG		48	27
2540-18021	00000/0000 2-10020/0940	07/15/76	0	7530	4553N	12014W	54.8	123.5	GGGG		48	28
2540-18024	00000/0000 2-10020/0941	07/15/76	0	7530	4428N	12047W	55.3	121.3	GGGG		48	29
2540-18030	00000/0000 2-10020/0942	07/15/76	0	7530	4303N	12119W	55.7	118.9	GGGG		48	30
2540-18033	00000/0000 2-10020/0943	07/15/76	0	7530	4138N	12150W	56.1	116.6	GGGG		48	31
2540-18035	00000/0000 2-10020/0944	07/15/76	0	7530	4012N	12220W	56.4	114.2	GGGG		48	32
2540-18042	00000/0000 2-10020/0945	07/15/76	30	7530	3847N	12249W	56.7	111.8	GGGG		48	33
2540-18044	00000/0000 2-10020/0946	07/15/76	90	7530	3722N	12318W	57.0	109.4	GGGG		48	34
2540-21211	00000/0000 2-10020/0876	07/15/76	10	7532	7037N	15252W	40.1	163.1	GGGG		84	10
2540-21214	00000/0000 2-10020/0877	07/15/76	10	7532	6920N	15454W	41.1	160.4	GGGG		84	11
2540-21220	00000/0000 2-10020/0878	07/15/76	30	7532	6801N	15642W	42.1	157.9	GGGG		84	12
2540-21223	00000/0000 2-10020/0879	07/15/76	20	7532	6641N	15818W	43.1	155.5	GGGG		84	13
2540-21225	00000/0000 2-10020/0880	07/15/76	50	7532	6521N	15946W	44.1	153.3	GGGG		84	14
2540-21232	00000/0000 2-10020/0881	07/15/76	30	7532	6401N	16105W	45.0	151.1	GGG		84	15
2540-21234	00000/0000 2-10020/0882	07/15/76	60	7532	6240N	16218W	45.9	148.9	GGG		84	16
2540-21241	00000/0000 2-10020/0883	07/15/76	70	7532	6117N	16324W	46.8	146.8	GGGG		84	17
2540-21243	00000/0000 2-10020/0884	07/15/76	70	7532	5954N	16427W	47.7	144.8	GGG		84	18
2540-21250	00000/0000 2-10020/0885	07/15/76	50	7532	5832N	16525W	48.6	142.7	GGG		84	19
2540-21252	00000/0000 2-10020/0886	07/15/76	90	7532	5710N	16618W	49.4	140.7	GGGG		84	20
2540-21255	00000/0000 2-10020/0887	07/15/76	90	7532	5546N	16708W	50.2	138.6	GGGG		84	21
2540-21261	00000/0000 2-10020/0888	07/15/76	90	7532	5422N	16756W	50.9	136.6	GGGG		84	22
2540-21264	00000/0000 2-10020/0889	07/15/76	90	7532	5258N	16840W	51.7	134.5	GGGG		84	23
2540-21270	00000/0000 2-10020/0890	07/15/76	90	7532	5134N	16922W	52.4	132.4	GGGG		84	24
2541-14410	00000/0000 2-10020/1066	07/16/76	30	7542	4720N	06927W	54.1	125.9	GGGG		13	27
2541-14412	00000/0000 2-10020/1067	07/16/76	20	7542	4555N	07002W	54.7	123.7	GGGG		13	28
2541-14415	00000/0000 2-10020/1068	07/16/76	20	7542	4431N	07035W	55.1	121.4	GGGG		13	29
2541-14421	00000/0000 2-10020/1069	07/16/76	20	7542	4305N	07108W	55.6	119.1	GGGG		13	30
2541-14424	00000/0000 2-10020/1070	07/16/76	10	7542	4140N	07138W	56.0	116.8	GGGG		13	31
2541-14430	00000/0000 2-10020/1071	07/16/76	30	7542	4015N	07208W	56.3	114.4	GGGG		13	32
2541-14433	00000/0000 2-10020/1072	07/16/76	30	7542	3849N	07237W	56.6	112.0	GGGG		13	33
2541-14435	00000/0000 2-10020/1073	07/16/76	10	7542	3723N	07305W	56.9	109.6	GGGG		13	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE G=GOOD P=POOR F=FAIR  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0218

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SAT ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2541-14442	00000/0000	2-10020/1074	07/16/76	10	7542	3558N	07332W	57.0	107.2	GGGG				
2541-14444	00000/0000	2-10020/1075	07/16/76	20	7542	3433N	07359W	57.2	104.8	GGGG			13	35
2541-14451	00000/0000	2-10020/1076	07/16/76	10	7542	3307N	07425W	57.2	102.3	GGGG			13	36
2541-14453	00000/0000	2-10020/1077	07/16/76	10	7542	3141N	07450W	57.2	99.9	GGGG			13	37
2541-16235	00000/0000	2-10020/0964	07/16/76	70	7543	4845N	09438W	53.5	128.1	GGGG			31	38
2541-16241	00000/0000	2-10020/0965	07/16/76	70	7543	4720N	09515W	54.1	126.0	GGGG			31	26
2541-16244	00000/0000	2-10020/0966	07/16/76	70	7543	4555N	09550W	54.6	123.7	GGGG			31	27
2541-16250	00000/0000	2-10020/0967	07/16/76	10	7543	4430N	09623W	55.1	121.5	GGGG			31	28
2541-16253	00000/0000	2-10020/0968	07/16/76	10	7543	4306N	09656W	55.6	119.1	GGGG			31	29
2541-16255	00000/0000	2-10020/0969	07/16/76	0	7543	4140N	09727W	56.0	116.8	GGGG			31	30
2541-16262	00000/0000	2-10020/0970	07/16/76	0	7543	4015N	09757W	56.3	114.4	GGGG			31	31
2541-16264	00000/0000	2-10020/0971	07/16/76	0	7543	3849N	09826W	56.6	112.1	GGGG			31	32
2541-16271	00000/0000	2-10020/0972	07/16/76	10	7543	3723N	09854W	56.8	109.6	GGGG			31	33
2541-16273	00000/0000	2-10020/0973	07/16/76	30	7543	3558N	09921W	57.0	107.2	GGGG			31	34
2541-16280	00000/0000	2-10020/0974	07/16/76	80	7543	3432N	09948W	57.2	104.8	GGGG			31	35
2541-16282	00000/0000	2-10020/0975	07/16/76	90	7543	3307N	10013W	57.2	102.3	GGGG			31	36
2541-16285	00000/0000	2-10020/0976	07/16/76	80	7543	3141N	10038W	57.2	99.9	GGGG			31	37
2541-16291	00000/0000	2-10020/0977	07/16/76	90	7543	3016N	10102W	57.2	97.5	GGGG			31	38
2541-16294	00000/0000	2-10020/0978	07/16/76	90	7543	2851N	10126W	57.1	95.1	GGGG			31	39
2541-16300	00000/0000	2-10020/0979	07/16/76	90	7543	2725N	10149W	56.9	92.7	GGGG			31	40
2541-18071	00000/0000	2-10020/1057	07/16/76	0	7544	4845N	12029W	53.5	128.2	GGGG			49	41
2541-18073	00000/0000	2-10020/1058	07/16/76	0	7544	4721N	12105W	54.1	126.0	GGGG			49	26
2541-18080	00000/0000	2-10020/1059	07/16/76	0	7544	4556N	12139W	54.6	123.7	GGGG			49	27
2541-18082	00000/0000	2-10020/1060	07/16/76	0	7544	4431N	12213W	55.1	121.5	GGGG			49	28
2541-18085	00000/0000	2-10020/1061	07/16/76	10	7544	4305N	12245W	55.6	119.2	GGGG			49	29
2541-18091	00000/0000	2-10020/1062	07/16/76	30	7544	4140N	12316W	56.0	116.8	GGGG			49	30
2541-18094	00000/0000	2-10020/1063	07/16/76	70	7544	4014N	12345W	56.3	114.5	GGGG			49	31
2541-18100	00000/0000	2-10020/1064	07/16/76	90	7544	3849N	12414W	56.6	112.1	GGGG			49	32
2541-18103	00000/0000	2-10020/1065	07/16/76	100	7544	3724N	12443W	56.8	109.7	GGGG			49	33
2541-21263	00000/0000	2-10020/0996	07/16/76	0	7546	7152N	15203W	38.9	166.0	GGGG			85	34
2541-21270	00000/0000	2-10020/0997	07/16/76	0	7546	7037N	15419W	40.0	163.1	GGGG			85	9
2541-21272	00000/0000	2-10020/0998	07/16/76	10	7546	6919N	15620W	41.0	160.4	GGGG			85	10
2541-21275	00000/0000	2-10020/0999	07/16/76	30	7546	6801N	15808W	42.0	157.9	GGGG			85	11
2541-21281	00000/0000	2-10020/1000	07/16/76	20	7546	6641N	15945W	43.0	155.5	GGGG			85	12
2541-21284	00000/0000	2-10020/1001	07/16/76	30	7546	6521N	16113W	43.9	153.2	GGGG			85	13
2541-21290	00000/0000	2-10020/1002	07/16/76	30	7546	6400N	16232W	44.9	151.0	FFGF			85	14
													85	15

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0219

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME ROW NUMBER
2541-21293	00000/0000 2-10020/1003	07/16/76	40	7546	6239N	16346W	45.8	148.9				
2541-21295	00000/0000 2-10020/1004	07/16/76	60	7546	6117N	16453W	46.7	146.8	FGGG		85	16
2541-21302	00000/0000 2-10020/1005	07/16/76	30	7546	5954N	16555W	47.6	144.8	FGGG		85	17
2541-21304	00000/0000 2-10020/1006	07/16/76	70	7546	5830N	16652W	48.4	142.7	FGGG		85	18
2541-21311	00000/0000 2-10020/1007	07/16/76	90	7546	5708N	16744W	49.2	140.7	FGGG		85	19
2541-21313	00000/0000 2-10020/1008	07/16/76	90	7546	5545N	16833W	50.0	138.7	FGGG		85	20
2541-21320	00000/0000 2-10020/1009	07/16/76	90	7546	5421N	16920W	50.8	136.6	FGGG		85	21
2541-21322	00000/0000 2-10020/1010	07/16/76	90	7546	5257N	17005W	51.5	134.5	FGGG		85	22
2541-21325	00000/0000 2-10020/1011	07/16/76	90	7546	5132N	17048W	52.2	132.4	FGGG		85	23
2542-14464	00000/0000 2-10020/1029	07/17/76	70	7556	4719N	07053W	54.0	126.0	FGGG		14	24
2542-14471	00000/0000 2-10020/1030	07/17/76	70	7556	4555N	07128W	54.5	123.8	FGGG		14	27
2542-14473	00000/0000 2-10020/1031	07/17/76	80	7556	4429N	07202W	55.0	121.6	FGGG		14	28
2542-14480	00000/0000 2-10020/1032	07/17/76	80	7556	4304N	07234W	55.5	119.3	FGGG		14	29
2542-14482	00000/0000 2-10020/1033	07/17/76	60	7556	4139N	07305W	55.9	116.9	FGGG		14	30
2542-14485	00000/0000 2-10020/1034	07/17/76	40	7556	4013N	07335W	56.2	114.6	FGGG		14	31
2542-14491	00000/0000 2-10020/1035	07/17/76	30	7556	3848N	07405W	56.5	112.2	FGGG		14	32
2542-14494	00000/0000 2-10020/1036	07/17/76	40	7556	3722N	07432W	56.7	109.8	FGGG		14	33
2542-14500	00000/0000 2-10020/1037	07/17/76	60	7556	3557N	07459W	56.9	107.4	FGGG		14	34
2542-14503	00000/0000 2-10020/1038	07/17/76	30	7556	3432N	07526W	57.1	105.0	FGGG		14	35
2542-14505	00000/0000 2-10020/1039	07/17/76	20	7556	3306N	07552W	57.1	102.5	FGGG		14	36
2542-14512	00000/0000 2-10020/1040	07/17/76	20	7556	3140N	07617W	57.1	100.1	FGGG		14	37
2542-14514	00000/0000 2-10020/1041	07/17/76	20	7556	3014N	07641W	57.1	97.7	FGGG		14	38
2542-14521	00000/0000 2-10020/1042	07/17/76	20	7556	2848N	07705W	57.0	95.3	FGGG		14	39
2542-16291	00000/0000 2-10020/1012	07/17/76	40	7557	5007N	09528W	52.8	130.4	GGGG		32	40
2542-16293	00000/0000 2-10020/1013	07/17/76	20	7557	4843N	09606W	53.4	128.2	GGGG		32	25
2542-16300	00000/0000 2-10020/1014	07/17/76	10	7557	4718N	09643W	54.0	126.0	GGGG		32	26
2542-16302	00000/0000 2-10020/1015	07/17/76	0	7557	4553N	09717W	54.5	123.8	GGGG		32	27
2542-16305	00000/0000 2-10020/1016	07/17/76	10	7557	4429N	09751W	55.0	121.6	GGGG		32	28
2542-16311	00000/0000 2-10020/1017	07/17/76	10	7557	4304N	09823W	55.4	119.3	GGGG		32	29
2542-16314	00000/0000 2-10020/1018	07/17/76	30	7557	4138N	09853W	55.8	117.0	GGGG		32	30
2542-16320	00000/0000 2-10020/1019	07/17/76	20	7557	4013N	09923W	56.2	114.6	GGGF		32	31
2542-16323	00000/0000 2-10020/1020	07/17/76	20	7557	3848N	09952W	56.5	112.2	GGFF		32	32
2542-16325	00000/0000 2-10020/1021	07/17/76	10	7557	3723N	10020W	56.7	109.8	GGGG		32	33
2542-16332	00000/0000 2-10020/1022	07/17/76	10	7557	3557N	10047W	56.9	107.4	GGGG		32	34
2542-16334	00000/0000 2-10020/1023	07/17/76	30	7557	3432N	10114W	57.0	105.0	GGGG		32	35
2542-16341	00000/0000 2-10020/1024	07/17/76	60	7557	3306N	10139W	57.1	102.6	GGGG		32	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=18W GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0220

OBSERVATION ID	MICROFILM REEL NO. POSITION IN REEL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2542-16343	00000/0000 2-10020/1025	07/17/76	80	7557	3141N	10205W	57.1 100.1	GF66			32	38
2542-16350	00000/0000 2-10020/1026	07/17/76	80	7557	3015N	10229W	57.1 97.7	GGFG			32	39
2542-16352	00000/0000 2-10020/1027	07/17/76	80	7557	2849N	10253W	57.0 95.3	GGGF			32	40
2542-16355	00000/0000 2-10020/1028	07/17/76	70	7557	2723N	10317W	56.8 93.0	GGGG			32	41
2542-18122	00000/0000 2-10020/1043	07/17/76	10	7558	5008N	12117W	52.7 130.4	GGGR			50	25
2542-18125	00000/0000 2-10020/1044	07/17/76	20	7558	4844N	12156W	53.4 128.2	GGGG			50	26
2542-18131	00000/0000 2-10020/1045	07/17/76	40	7558	4719N	12232W	54.0 126.1	GGFG			50	27
2542-18134	00000/0000 2-10020/1046	07/17/76	40	7558	4554N	12307W	54.5 123.8	GGGG			50	28
2542-18140	00000/0000 2-10020/1047	07/17/76	50	7558	4429N	12340W	55.0 121.6	GGGG			50	29
2542-18143	00000/0000 2-10020/1048	07/17/76	70	7558	4304N	12412W	55.4 119.3	GGGF			50	30
2542-18145	00000/0000 2-10020/1049	07/17/76	90	7558	4139N	12442W	55.8 117.0	GGGG			50	31
2542-21321	00000/0000 2-10020/1050	07/17/76	50	7560	7154N	15329W	38.7 166.0	GGGG			86	9
2542-21324	00000/0000 2-10020/1051	07/17/76	20	7560	7078N	15545W	39.8 163.1	GGGG			86	10
2542-21330	00000/0000 2-10020/1052	07/17/76	10	7560	6921N	15745W	40.8 160.5	GGGG			86	11
2542-21333	00000/0000 2-10020/1053	07/17/76	30	7560	6802N	15933W	41.8 157.9	GGGG			86	12
2542-21335	00000/0000 2-10020/1054	07/17/76	30	7560	6643N	16109W	42.8 155.6	GGGG			86	13
2542-21342	00000/0000 2-10020/1055	07/17/76	90	7560	6523N	16237W	43.7 153.3	GGGG			86	14
2542-21344	00000/0000 2-10020/1056	07/17/76	90	7560	6402N	16356W	44.7 151.1	GGGG			86	15
2543-14522	00000/0000 2-10020/1094	07/18/76	80	7570	4720N	07220W	53.8 126.2	GFFF			15	27
2543-14525	00000/0000 2-10020/1095	07/18/76	70	7570	4555N	07255W	54.3 124.0	GFFF			15	28
2543-14531	00000/0000 2-10020/1096	07/18/76	70	7570	4431N	07328W	54.8 121.8	GFFF			15	29
2543-14534	00000/0000 2-10020/1097	07/18/76	70	7570	4305N	07400W	55.3 119.5	GF6F			15	30
2543-14540	00000/0000 2-10020/1098	07/18/76	30	7570	4140N	07431W	55.7 117.2	GGGF			15	31
2543-14543	00000/0000 2-10020/1099	07/18/76	10	7570	4015N	07501W	56.1 114.8	GGGF			15	32
2543-14545	00000/0000 2-10020/1100	07/18/76	20	7570	3850N	07530W	56.4 112.5	GF6F			15	33
2543-14552	00000/0000 2-10020/1101	07/18/76	60	7570	3724N	07558W	56.6 110.1	GF6F			15	34
2543-14554	00000/0000 2-10020/1102	07/18/76	80	7570	3558N	07626W	56.8 107.7	GF6F			15	35
2543-14561	00000/0000 2-10020/1103	07/18/76	90	7570	3433N	07652W	56.9 105.3	GFF			15	36
2543-14563	00000/0000 2-10020/1104	07/18/76	90	7570	3307N	07718W	57.0 102.8	FPFF			15	37
2543-14570	00000/0000 2-10020/1105	07/18/76	70	7570	3142N	07743W	57.0 100.4	FPFF			15	38
2543-14572	00000/0000 2-10020/1106	07/18/76	60	7570	3016N	07807W	57.0 98.0	FPFF			15	39
2543-14575	00000/0000 2-10020/1107	07/18/76	50	7570	2850N	07831W	56.9 95.6	GPFF			15	40
2543-14581	00000/0000 2-10020/1108	07/18/76	50	7570	2725N	07854W	56.8 93.3	GPPF			15	41
2543-14584	00000/0000 2-10020/1109	07/18/76	60	7570	2559N	07917W	56.6 91.0	GF6F			15	42
2543-14590	00000/0000 2-10020/1110	07/18/76	50	7570	2432N	07939W	56.3 88.7	GF6F			15	43
2543-16345	00000/0000 2-10020/1111	07/18/76	10	7571	5010N	09654W	52.6 130.5	GGFP			33	25

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0221

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2543-16351	00000/0000	2-10020/1112	07/18/76	30	7571	4845N	09732W	53.2	128.4	GFFF			33	26
2543-16354	00000/0000	2-10020/1113	07/18/76	50	7571	4721N	09809W	53.8	126.2	GFFF			33	27
2543-16360	00000/0000	2-10020/1114	07/18/76	50	7571	4555N	09843W	54.3	124.0	FFFF			33	28
2543-16363	00000/0000	2-10020/1115	07/18/76	90	7571	4430N	09917W	54.8	121.8	FFFF			33	29
2543-16365	00000/0000	2-10020/1116	07/18/76	20	7571	4305N	09948W	55.3	119.5	FFFF			33	30
2543-16372	00000/0000	2-10020/1117	07/18/76	10	7571	4140N	10019W	55.7	117.2	FFFF			33	31
2543-16374	00000/0000	2-10020/0891	07/18/76	10	7571	4015N	10049W	56.0	114.9	GGGG			33	32
2543-16381	00000/0000	2-10020/0892	07/18/76	10	7571	3850N	10118W	56.3	112.5	GGGG			33	33
2543-16383	00000/0000	2-10020/0893	07/18/76	10	7571	3724N	10146W	56.6	110.1	GGGG			33	34
2543-16390	00000/0000	2-10020/0894	07/18/76	10	7571	3559N	10213W	56.8	107.7	GGGG			33	35
2543-16392	00000/0000	2-10020/0895	07/18/76	20	7571	3434N	10239W	56.9	105.3	GGGG			33	36
2543-16395	00000/0000	2-10020/0896	07/18/76	30	7571	3309N	10304W	57.0	102.9	GGGG			33	37
2543-18181	00000/0000	2-10020/1118	07/18/76	10	7572	5010N	12244W	52.6	130.5	GGGG			51	25
2543-18183	00000/0000	2-10020/1119	07/18/76	10	7572	4845N	12322W	53.2	128.4	GGGG			51	26
2543-18190	00000/0000	2-10020/1120	07/18/76	10	7572	4720N	12357W	53.8	126.2	GGGG			51	27
2543-18192	00000/0000	2-10020/1121	07/18/76	30	7572	4555N	12432W	54.3	124.0	GGGG			51	28
2543-18195	00000/0000	2-10020/1122	07/18/76	30	7572	4431N	12506W	54.8	121.8	GGGG			51	29
2543-18201	00000/0000	2-10020/1123	07/18/76	40	7572	4306N	12538W	55.3	119.5	GGGG			51	30
2543-19562	00000/0000	2-10020/1124	07/18/76	60	7573	6642N	13641W	42.6	155.5	FGGG			69	13
2543-19565	00000/0000	2-10020/1125	07/18/76	70	7573	6522N	13808W	43.6	153.3	GGGG			69	14
2543-19571	00000/0000	2-10020/1126	07/18/76	70	7573	6401N	13927W	44.5	151.1	FGGG			69	15
2543-19574	00000/0000	2-10020/1127	07/18/76	80	7573	6239N	14040W	45.4	149.0	FGGG			69	16
2543-19580	00000/0000	2-10020/1128	07/18/76	50	7573	6118N	14147W	46.3	146.9	FGFF			69	17
2543-19583	00000/0000	2-10020/1129	07/18/76	50	7573	5955N	14250W	47.2	144.9	FGGG			69	18
2543-19585	00000/0000	2-10020/1130	07/18/76	90	7573	5832N	14349W	48.1	142.9	FGFF			69	19
2543-21380	00000/0000	2-10020/1131	07/18/76	10	7574	7153N	15450W	38.6	166.0	GGGG			87	9
2543-21382	00000/0000	2-10020/1132	07/18/76	20	7574	7037N	15706W	39.6	163.1	GGGG			87	10
2543-21385	00000/0000	2-10020/1133	07/18/76	70	7574	6919N	15908W	40.6	160.4	FGFG			87	11
2543-21391	00000/0000	2-10020/1134	07/18/76	90	7574	6801N	16056W	41.6	157.9	GGGG			87	12
2543-21394	00000/0000	2-10020/1135	07/18/76	90	7574	6641N	16234W	42.6	155.5	FGGG			87	13
2543-21400	00000/0000	2-10020/1136	07/18/76	90	7574	6520N	16402W	43.6	153.3	FGGG			87	14
2543-21403	00000/0000	2-10020/1137	07/18/76	90	7574	6400N	16521W	44.5	151.1	GGGG			87	15
2543-21405	00000/0000	2-10020/1138	07/18/76	90	7574	6239N	16633W	45.4	149.0	GGGG			87	16
2543-21412	00000/0000	2-10020/1139	07/18/76	90	7574	6117N	16740W	46.3	146.9	FGGG			87	17
2543-21414	00000/0000	2-10020/1140	07/18/76	90	7574	5953N	16843W	47.2	144.9	FGGG			87	18
2543-21421	00000/0000	2-10020/1141	07/18/76	100	7574	5831N	16942W	48.1	142.9	FGGG			87	19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0222

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO. IN REEL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL BF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2543-21423	00000/0000	2-10020/1142	07/18/76	100	7574	5709N	17036W	48.9	140.8	FGGG			87	20
2543-21430	00000/0000	2-10020/1143	07/18/76	100	7574	5546N	17126W	49.7	138.8	GGGG			87	21
2543-21432	00000/0000	2-10020/1144	07/18/76	90	7574	5422N	17212W	50.5	136.8	GFGG			87	22
2543-21435	00000/0000	2-10020/1145	07/18/76	90	7574	5258N	17256W	51.2	134.7	GGGG			87	23
2543-21441	00000/0000	2-10020/1146	07/18/76	90	7574	5134N	17338W	51.9	132.6	FGGG			87	24
2544-14574	00000/0000	2-10020/1195	07/19/76	30	7584	4844N	07308W	53.1	128.5	GGGG			16	26
2544-14581	00000/0000	2-10020/1196	07/19/76	90	7584	4719N	07345W	53.7	126.3	GGGG			16	27
2544-14583	00000/0000	2-10020/1197	07/19/76	70	7584	4554N	07420W	54.2	124.1	GGGG			16	28
2544-14590	00000/0000	2-10020/1198	07/19/76	30	7584	4429N	07454W	54.7	121.9	GGGG			16	29
2544-14592	00000/0000	2-10020/1199	07/19/76	30	7584	4304N	07526W	55.2	119.6	GGGG			16	30
2544-14595	00000/0000	2-10020/1200	07/19/76	10	7584	4139N	07557W	55.6	117.3	GGGG			16	31
2544-15001	00000/0000	2-10020/1201	07/19/76	10	7584	4014N	07627W	55.9	115.0	GGGG			16	32
2544-15004	00000/0000	2-10020/1202	07/19/76	10	7584	3848N	07655W	56.2	112.7	GGGG			16	33
2544-15010	00000/0000	2-10020/1203	07/19/76	10	7584	3723N	07723W	56.5	110.3	GGGG			16	34
2544-15013	00000/0000	2-10020/1204	07/19/76	10	7584	3557N	07751W	56.7	107.9	GGGG			16	35
2544-15015	00000/0000	2-10020/1205	07/19/76	90	7584	3432N	07817W	56.8	105.5	GGGG			16	36
2544-15022	00000/0000	2-10020/1206	07/19/76	90	7584	3306N	07843W	56.9	103.1	GGGG			16	37
2544-15024	00000/0000	2-10020/1207	07/19/76	40	7584	3139N	07908W	56.9	100.7	GGGG			16	38
2544-15031	00000/0000	2-10020/1208	07/19/76	70	7584	3014N	07933W	56.9	98.3	GGGG			16	39
2544-15033	00000/0000	2-10020/1209	07/19/76	40	7584	2849N	07957W	56.8	95.9	GGGG			16	40
2544-16403	00000/0000	2-10020/1210	07/19/76	40	7585	5009N	09822W	52.4	130.6	GGGG			34	25
2544-16410	00000/0000	2-10020/1211	07/19/76	40	7585	4844N	09900W	53.1	128.5	GGGG			34	26
2544-16412	00000/0000	2-10020/1212	07/19/76	20	7585	4719N	09936W	53.6	126.3	GGGG			34	27
2544-16415	00000/0000	2-10020/1213	07/19/76	40	7585	4554N	10010W	54.2	124.1	GGGG			34	28
2544-16421	00000/0000	2-10020/1214	07/19/76	80	7585	4429N	10043W	54.7	121.9	GGGG			34	29
2544-16424	00000/0000	2-10020/1215	07/19/76	60	7585	4304N	10115W	55.1	119.7	GGGG			34	30
2544-16430	00000/0000	2-10020/1216	07/19/76	50	7585	4139N	10146W	55.6	117.4	GGGG			34	31
2544-16433	00000/0000	2-10020/1217	07/19/76	20	7585	4014N	10216W	55.9	115.0	GGGG			34	32
2544-16435	00000/0000	2-10020/1218	07/19/76	10	7585	3848N	10245W	56.2	112.7	GGGG			34	33
2544-16442	00000/0000	2-10020/1219	07/19/76	10	7585	3723N	10313W	56.5	110.3	GGGG			34	34
2544-16444	00000/0000	2-10020/1220	07/19/76	30	7585	3557N	10340W	56.7	107.9	GGGG			34	35
2544-16451	00000/0000	2-10020/1221	07/19/76	30	7585	3432N	10407W	56.8	105.5	GGGG			34	36
2544-16453	00000/0000	2-10020/1222	07/19/76	30	7585	3306N	10432W	56.9	103.1	GGGG			34	37
2544-16460	00000/0000	2-10020/1223	07/19/76	30	7585	3140N	10457W	56.9	100.7	GGGG			34	38
2544-18235	00000/0000	2-10020/0822	07/19/76	60	7586	5008N	12410W	52.4	130.6	GGGG			52	25
2544-18241	00000/0000	2-10020/0823	07/19/76	50	7586	4843N	12448W	53.0	128.5	GGGG			52	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0223

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2544-18244	00000/0000	2-10020/0824	07/19/76	60	7586	4718N	12524W	53.6	126.3	GGGG	52	27
2544-20034	00000/0000	2-10020/1224	07/19/76	0	7587	6119N	14319W	46.1	147.0	GGGG	70	17
2544-20041	00000/0000	2-10020/1225	07/19/76	60	7587	5957N	14421W	47.0	145.0	GGGG	70	18
2544-20043	00000/0000	2-10020/1226	07/19/76	90	7587	5834N	14519W	47.9	143.0	GGGG	70	19
2544-20050	00000/0000	2-10020/1227	07/19/76	100	7587	5710N	14613W	48.7	141.0	GGGG	70	20
2544-21434	00000/0000	2-10020/1228	07/19/76	90	7588	7155N	15611W	38.4	166.0	GGGG	88	9
2544-21440	00000/0000	2-10020/1229	07/19/76	80	7588	7039N	15828W	39.4	163.1	GGGG	88	10
2544-21443	00000/0000	2-10020/1230	07/19/76	50	7588	6922N	16031W	40.4	160.5	GGGG	88	11
2544-21445	00000/0000	2-10020/1231	07/19/76	50	7588	6803N	16220W	41.4	158.0	GGGG	88	12
2544-21452	00000/0000	2-10020/1232	07/19/76	40	7588	6643N	16358W	42.4	155.6	GGGG	88	13
2544-21454	00000/0000	2-10020/1233	07/19/76	90	7588	6523N	16526W	43.4	153.3	GGGG	88	14
2544-21461	00000/0000	2-10020/1234	07/19/76	90	7588	6402N	16646W	44.3	151.2	GGGG	88	15
2544-21463	00000/0000	2-10020/1235	07/19/76	90	7588	6240N	16759W	45.2	149.1	GGGG	88	16
2544-21470	00000/0000	2-10020/1236	07/19/76	100	7588	6118N	16907W	46.1	147.0	GGGG	88	17
2544-21472	00000/0000	2-10020/1237	07/19/76	90	7588	5956N	17009W	47.0	145.0	GGGG	88	18
2544-21475	00000/0000	2-10020/1238	07/19/76	90	7588	5844N	17106W	47.9	143.0	GGGG	88	19
2544-21481	00000/0000	2-10020/1239	07/19/76	90	7588	5711N	17159W	48.7	140.9	GGGG	88	20
2544-21484	00000/0000	2-10020/1240	07/19/76	90	7588	5547N	17249W	49.5	138.9	GGGG	88	21
2544-21490	00000/0000	2-10020/1241	07/19/76	90	7588	5423N	17338W	50.3	136.9	GGGG	88	22
2544-21493	00000/0000	2-10020/1242	07/19/76	100	7588	5259N	17422W	51.0	134.9	GGGG	88	23
2544-21495	00000/0000	2-10020/1243	07/19/76	90	7588	5135N	17504W	51.7	132.8	GGGG	88	24
2545-15032	00000/0000	2-10020/1148	07/20/76	90	7598	4844N	07436W	52.9	128.7	GGGG	17	26
2545-15035	00000/0000	2-10020/1147	07/20/76	90	7598	4719N	07513W	53.5	126.5	GGGG	17	27
2545-15041	00000/0000	2-10020/1149	07/20/76	90	7598	4555N	07547W	54.0	124.3	GGGG	17	28
2545-15044	00000/0000	2-10020/1150	07/20/76	90	7598	4430N	07620W	54.5	122.1	GGGG	17	29
2545-15050	00000/0000	2-10020/1151	07/20/76	80	7598	4305N	07652W	55.0	119.9	GGGG	17	30
2545-15053	00000/0000	2-10020/1152	07/20/76	60	7598	4141N	07722W	55.4	117.6	GGGG	17	31
2545-15055	00000/0000	2-10020/1153	07/20/76	30	7598	4016N	07752W	55.8	115.3	GGGG	17	32
2545-15062	00000/0000	2-10020/1154	07/20/76	30	7598	3850N	07822W	56.1	112.9	GGGG	17	33
2545-15064	00000/0000	2-10020/1155	07/20/76	20	7598	3724N	07850W	56.3	110.6	GGGG	17	34
2545-15071	00000/0000	2-10020/1156	07/20/76	10	7598	3558N	07918W	56.6	108.2	GGGG	17	35
2545-15073	00000/0000	2-10020/1157	07/20/76	10	7598	3433N	07944W	56.7	105.8	GGGG	17	36
2545-15080	00000/0000	2-10020/1158	07/20/76	30	7598	3308N	08010W	56.8	103.4	GGGG	17	37
2545-15082	00000/0000	2-10020/1159	07/20/76	30	7598	3142N	08035W	56.8	101.0	GGGG	17	38
2545-15085	00000/0000	2-10020/1160	07/20/76	20	7598	3016N	08059W	56.8	98.6	GGGG	17	39
2545-15091	00000/0000	2-10020/1161	07/20/76	30	7598	2850N	08124W	56.7	96.2	GGGG	17	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0224

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2545-15094	00000/0000 2-10020/1162	07/20/76	30	7598	2724N	08147W	56.6	93.9	GGGG			
2545-15100	00000/0000 2-10020/1163	07/20/76	80	7598	2558N	08210W	56.4	91.6	GGGG		17	41
2545-15103	00000/0000 2-10020/1164	07/20/76	30	7598	2431N	08233W	56.2	89.3	GGGG		17	42
2545-16461	00000/0000 2-10020/1183	07/20/76	10	7599	5010N	09946W	52.2	130.8	GGGG		17	43
2545-16464	00000/0000 2-10020/1184	07/20/76	10	7599	4845N	10024W	52.9	128.7	GGGG		35	25
2545-16470	00000/0000 2-10020/1185	07/20/76	10	7599	4721N	10101W	53.5	126.5	GGGG		35	26
2545-16473	00000/0000 2-10020/1187	07/20/76	10	7599	4555N	10136W	54.0	124.4	GGGG		35	27
2545-16475	00000/0000 2-10020/1187	07/20/76	80	7599	4430N	10209W	54.5	122.1	GGGG		35	28
2545-16482	00000/0000 2-10020/1188	07/20/76	90	7599	4304N	10241W	55.0	119.9	GGGG		35	29
2545-16484	00000/0000 2-10020/1189	07/20/76	90	7599	4139N	10312W	55.4	117.6	GGGG		35	30
2545-16491	00000/0000 2-10020/1190	07/20/76	90	7599	4014N	10342W	55.8	115.3	GGGG		35	31
2545-16493	00000/0000 2-10020/1191	07/20/76	90	7599	3849N	10410W	56.1	112.9	GGGG		35	32
2545-16500	00000/0000 2-10020/1192	07/20/76	60	7599	3723N	10438W	56.3	110.6	GGGG		35	33
2545-16502	00000/0000 2-10020/1193	07/20/76	20	7599	3557N	10505W	56.5	108.2	GGGG		35	34
2545-16505	00000/0000 2-10020/1194	07/20/76	10	7599	3432N	10532W	56.7	105.8	GGGG		35	35
2545-20072	00000/0000 2-10020/1245	07/20/76	10	7601	6801N	13803W	41.2	157.9	FGGG		71	36
2545-20075	00000/0000 2-10020/1246	07/20/76	20	7601	6642N	13940W	42.2	155.6	GGGG		71	12
2545-20081	00000/0000 2-10020/1247	07/20/76	20	7601	6521N	14108W	43.2	153.3	FGGG		71	13
2545-20084	00000/0000 2-10020/1248	07/20/76	10	7601	6401N	14228W	44.1	151.2	GGGG		71	14
2545-20090	00000/0000 2-10020/1249	07/20/76	10	7601	6239N	14341W	45.1	149.1	GGGG		71	15
2545-20093	00000/0000 2-10020/1250	07/20/76	10	7601	6116N	14447W	46.0	147.0	GGGG		71	16
2545-20095	00000/0000 2-10020/1251	07/20/76	90	7601	5954N	14548W	46.8	145.0	GGGG		71	17
2545-20102	00000/0000 2-10020/1252	07/20/76	90	7601	5832N	14645W	47.7	143.0	GGGG		71	18
2545-20104	00000/0000 2-10020/1253	07/20/76	100	7601	5709N	14739W	48.5	141.0	GGGG		71	19
2545-21492	00000/0000 2-10020/1254	07/20/76	80	7602	7152N	15749W	38.2	165.9	GGGG		71	20
2545-21495	00000/0000 2-10020/1255	07/20/76	30	7602	7037N	16005W	39.2	163.1	GGGG		89	9
2545-21501	00000/0000 2-10020/1256	07/20/76	70	7602	6920N	16206W	40.2	160.4	GGGG		89	10
2545-21504	00000/0000 2-10020/1257	07/20/76	80	7602	6801N	16353W	41.2	157.9	GGGG		89	11
2545-21510	00000/0000 2-10020/1258	07/20/76	90	7602	6641N	16530W	42.2	155.6	GGGG		89	12
2545-21513	00000/0000 2-10020/1244	07/20/76	90	7602	6520N	16658W	43.2	153.3	GGGG		89	13
2545-21515	00000/0000 2-10020/1259	07/20/76	90	7602	6400N	16818W	44.1	151.2	G GG		89	14
2545-21522	00000/0000 2-10020/1260	07/20/76	100	7602	6238N	16930W	45.1	149.1	FGGG		89	15
2545-21524	00000/0000 2-10020/1261	07/20/76	90	7602	6116N	17037W	46.0	147.0	GGGG		89	16
2545-21531	00000/0000 2-10020/1262	07/20/76	100	7602	5953N	17139W	46.8	145.0	GGGG		89	17
2545-21533	00000/0000 2-10020/1263	07/20/76	90	7602	5831N	17237W	47.7	143.0	FGGG		89	18
2545-21540	00000/0000 2-10020/1264	07/20/76	90	7602	5707N	17330W	48.5	141.0	GGGG		89	19
									GGGG		89	20

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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0225

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2545-21542	00000/0000 2-10020/1265	07/20/76	90	7602	5544N	17420W	49.3	139.0	GG G			89	21
2545-21545	00000/0000 2-10020/1266	07/20/76	100	7602	5421N	17507W	50.1	137.0	GGGG			89	22
2545-21551	00000/0000 2-10020/1267	07/20/76	100	7602	5258N	17550W	50.8	134.9	GGGG			89	23
2545-21554	00000/0000 2-10020/1268	07/20/76	90	7602	5134N	17632W	51.5	132.9	FGGG			89	24
2546-15091	00000/0000 2-10020/1165	07/21/76	80	7612	4843N	07600W	52.7	128.8	GGGG			18	26
2546-15093	00000/0000 2-10020/1166	07/21/76	90	7612	4718N	07636W	53.3	126.6	GGGG			18	27
2546-15100	00000/0000 2-10020/1167	07/21/76	50	7612	4554N	07711W	53.9	124.5	GGGG			18	28
2546-15102	00000/0000 2-10020/1168	07/21/76	30	7612	4429N	07744W	54.4	122.3	GGGG			18	29
2546-15105	00000/0000 2-10020/1169	07/21/76	60	7612	4304N	07816W	54.9	120.0	FGGG			18	30
2546-15111	00000/0000 2-10020/1170	07/21/76	90	7612	4139N	07848W	55.3	117.8	GGGG			18	31
2546-15114	00000/0000 2-10020/1171	07/21/76	90	7612	4013N	07918W	55.6	115.5	GGGG			18	32
2546-15120	00000/0000 2-10020/1172	07/21/76	40	7612	3847N	07947W	56.0	113.1	GGGG			18	33
2546-15123	00000/0000 2-10020/1173	07/21/76	30	7612	3722N	08015W	56.2	110.8	GGGG			18	34
2546-15125	00000/0000 2-10020/1174	07/21/76	10	7612	3557N	08042W	56.4	108.4	FFGG			18	35
2546-15132	00000/0000 2-10020/1175	07/21/76	10	7612	3431N	08109W	56.6	106.0	GGGG			18	36
2546-15134	00000/0000 2-10020/1176	07/21/76	10	7612	3305N	08135W	56.7	103.6	GGGG			18	37
2546-15141	00000/0000 2-10020/1177	07/21/76	10	7612	3129N	08200W	56.7	101.2	GGGG			18	38
2546-15143	00000/0000 2-10020/1178	07/21/76	10	7612	3014N	08225W	56.7	98.9	GGGG			18	39
2546-15150	00000/0000 2-10020/1179	07/21/76	20	7612	2848N	08249W	56.7	96.5	GGGG			18	40
2546-15152	00000/0000 2-10020/1180	07/21/76	20	7612	2722N	08312W	56.5	94.1	GGGG			18	41
2546-15155	00000/0000 2-10020/1181	07/21/76	20	7612	2556N	08336W	56.4	91.8	GGGG			18	42
2546-15161	00000/0000 2-10020/1182	07/21/76	20	7612	2430N	08359W	56.1	89.6	GGGG			18	43
2546-16520	00000/0000 2-10021/0027	07/21/76	10	7613	5008N	10113W	52.1	130.9	GGGG			36	25
2546-16522	00000/0000 2-10021/0028	07/21/76	10	7613	4843N	10151W	52.7	128.8	GGGG			36	26
2546-16525	00000/0000 2-10021/0029	07/21/76	20	7613	4719N	10227W	53.3	126.7	GGGG			36	27
2546-16531	00000/0000 2-10021/0030	07/21/76	20	7613	4554N	10302W	53.9	124.5	GGGG			36	28
2546-16534	00000/0000 2-10021/0031	07/21/76	40	7613	4428N	10336W	54.4	122.3	GGGG			36	29
2546-16540	00000/0000 2-10021/0032	07/21/76	50	7613	4303N	10408W	54.8	120.0	GGGG			36	30
2546-16543	00000/0000 2-10021/0033	07/21/76	50	7613	4138N	10438W	55.3	117.8	GGGG			36	31
2546-16545	00000/0000 2-10021/0034	07/21/76	50	7613	4012N	10508W	55.6	115.5	GGGG			36	32
2546-16552	00000/0000 2-10021/0035	07/21/76	40	7613	3847N	10536W	55.9	113.1	GGGG			36	33
2546-16554	00000/0000 2-10021/0036	07/21/76	40	7613	3721N	10605W	56.2	110.8	GGGG			36	34
2546-16561	00000/0000 2-10021/0037	07/21/76	70	7613	3556N	10632W	56.4	108.4	GGGG			36	35
2546-16563	00000/0000 2-10021/0038	07/21/76	90	7613	3431N	10659W	56.6	106.0	GGGG			36	36
2546-16570	00000/0000 2-10021/0039	07/21/76	90	7613	3305N	10725W	56.7	103.6	GGGG			36	37
2546-20124	00000/0000 2-10021/0001	07/21/76	10	7615	6921N	13742W	40.0	160.5	GGGG			72	11

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0226

OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV	DATE ACQUIRED	CL CLOUD COVER	SRBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS DATA MODE	MSS MSS IMAGE GAIN	SRBIT PATH NUMBER	FRAME ROW NUMBER
2546-20130	00000/0000 2-10021/0002	07/21/76	20	7615	6802N	13930W	41.0	158.0	GGGG			72	12
2546-20133	00000/0000 2-10021/0003	07/21/76	10	7615	6643N	14106W	42.0	155.6	GGGG			72	13
2546-20135	00000/0000 2-10021/0004	07/21/76	20	7615	6523N	14233W	43.0	153.4	GGGG			72	14
2546-20142	00000/0000 2-10021/0005	07/21/76	20	7615	6402N	14352W	43.9	151.2	GGGG			72	15
2546-20144	00000/0000 2-10021/0006	07/21/76	10	7615	6240N	14504W	44.9	149.2	GP GG			72	16
2546-20151	00000/0000 2-10021/0007	07/21/76	40	7615	6118N	14611W	45.8	147.1	GGGG			72	17
2546-20153	00000/0000 2-10021/0008	07/21/76	90	7615	5956N	14714W	46.6	145.1	GF GG			72	18
2546-20160	00000/0000 2-10021/0009	07/21/76	90	7615	5833N	14812W	47.5	143.1	GGGG			72	19
2546-20162	00000/0000 2-10021/0010	07/21/76	90	7615	5710N	14906W	48.3	141.1	FGGG			72	20
2546-21550	00000/0000 2-10021/0011	07/21/76	80	7616	7154N	15906W	38.0	166.0	GGGG			90	9
2546-21553	00000/0000 2-10021/0012	07/21/76	70	7616	7038N	16123W	39.0	163.1	GP GG			90	10
2546-21555	00000/0000 2-10021/0013	07/21/76	70	7616	6921N	16325W	40.0	160.5	GGGG			90	11
2546-21562	00000/0000 2-10021/0014	07/21/76	40	7616	6802N	16514W	41.0	158.0	FF GG			90	12
2546-21564	00000/0000 2-10021/0015	07/21/76	40	7616	6642N	16651W	42.0	155.6	FF GG			90	13
2546-21571	00000/0000 2-10021/0016	07/21/76	60	7616	6522N	16819W	43.0	153.4	GGGG			90	14
2546-21573	00000/0000 2-10021/0017	07/21/76	60	7616	6402N	16939W	43.9	151.2	GGGG			90	15
2546-21580	00000/0000 2-10021/0018	07/21/76	90	7616	6240N	17052W	44.8	149.1	FGGG			90	16
2546-21582	00000/0000 2-10021/0019	07/21/76	90	7616	6118N	17159W	45.8	147.1	GP GG			90	17
2546-21585	00000/0000 2-10021/0020	07/21/76	100	7616	5955N	17301W	46.6	145.1	GGGG			90	18
2546-21591	00000/0000 2-10021/0021	07/21/76	100	7616	5833N	17359W	47.5	143.1	GF GG			90	19
2546-21594	00000/0000 2-10021/0022	07/21/76	100	7616	5709N	17453W	48.3	141.1	GGGG			90	20
2546-22000	00000/0000 2-10021/0023	07/21/76	100	7616	5546N	17544W	49.1	139.1	GGGG			90	21
2546-22003	00000/0000 2-10021/0024	07/21/76	100	7616	5422N	17632W	49.9	137.1	GGGG			90	22
2546-22005	00000/0000 2-10021/0025	07/21/76	100	7616	5258N	17716W	50.6	135.1	GGGG			90	23
2546-22012	00000/0000 2-10021/0026	07/21/76	90	7616	5134N	17757W	51.4	133.0	GGGG			90	24
2547-15145	00000/0000 2-10020/1078	07/22/76	10	7626	4845N	07727W	52.5	129.0	GGGG			19	26
2547-15151	00000/0000 2-10020/1079	07/22/76	10	7626	4720N	07804W	53.1	126.8	GGGG			19	27
2547-15154	00000/0000 2-10020/1080	07/22/76	10	7626	4555N	07838W	53.7	124.7	GGGG			19	28
2547-15160	00000/0000 2-10020/1081	07/22/76	10	7626	4430N	07912W	54.2	122.5	GGGG			19	29
2547-15163	00000/0000 2-10020/1082	07/22/76	10	7626	4305N	07944W	54.7	120.3	GGGG			19	30
2547-15165	00000/0000 2-10020/1083	07/22/76	20	7626	4140N	08015W	55.1	118.0	GGGG			19	31
2547-15172	00000/0000 2-10020/1084	07/22/76	90	7626	4015N	08045W	55.5	115.7	GGGG			19	32
2547-15174	00000/0000 2-10020/1085	07/22/76	90	7626	3849N	08114W	55.8	113.4	GGGG			19	33
2547-15181	00000/0000 2-10020/1086	07/22/76	80	7626	3723N	08141W	56.1	111.1	GGGG			19	34
2547-15183	00000/0000 2-10020/1087	07/22/76	40	7626	3558N	08208W	56.3	108.7	GGGG			19	35
2547-15190	00000/0000 2-10020/1088	07/22/76	10	7626	3433N	08235W	56.5	106.3	GGGG			19	36

KEYS: CLCUD COVER % ..... 0 TO 100 = % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0227

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINCIPAL OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2547-15192	00000/0000	2-10020/1089	07/22/76	10	7626	3307N	08301W	56.6	104.0	GGGG			19	37
2547-15195	00000/0000	2-10020/1090	07/22/76	10	7626	3141N	08326W	56.6	101.6	GGGG			19	38
2547-15201	00000/0000	2-10020/1091	07/22/76	10	7626	3015N	08351W	56.6	99.2	GGGG			19	39
2547-15204	00000/0000	2-10020/1092	07/22/76	50	7626	2849N	08415W	56.6	96.8	GGGG			19	40
2547-15210	00000/0000	2-10020/1093	07/22/76	70	7626	2722N	08439W	56.5	94.5	GGGG			19	41
2547-16574	00000/0000	2-10021/0055	07/22/76	30	7627	5009N	10237W	51.9	131.1	GGGG			37	25
2547-16580	00000/0000	2-10021/0056	07/22/76	20	7627	4845N	10315W	52.5	129.0	GGGG			37	26
2547-16583	00000/0000	2-10021/0057	07/22/76	20	7627	4720N	10352W	53.1	126.9	GGGG			37	27
2547-16585	00000/0000	2-10021/0058	07/22/76	10	7627	4555N	10427W	53.7	124.7	GGGG			37	28
2547-16592	00000/0000	2-10021/0059	07/22/76	10	7627	4430N	10500W	54.2	122.5	GGGG			37	29
2547-16594	00000/0000	2-10021/0060	07/22/76	10	7627	4304N	10532W	54.7	120.3	GGGG			37	30
2547-17001	00000/0000	2-10021/0061	07/22/76	10	7627	4139N	10603W	55.1	118.0	GGGG			37	31
2547-17003	00000/0000	2-10021/0062	07/22/76	20	7627	4014N	10633W	55.5	115.7	GGGG			37	32
2547-17010	00000/0000	2-10021/0063	07/22/76	20	7627	3849N	10702W	55.8	113.4	GGGG			37	33
2547-17012	00000/0000	2-10021/0064	07/22/76	20	7627	3723N	10730W	56.1	111.1	GGGG			37	34
2547-17015	00000/0000	2-10021/0065	07/22/76	20	7627	3558N	10757W	56.3	108.7	GGGG			37	35
2547-17021	00000/0000	2-10021/0066	07/22/76	70	7627	3432N	10823W	56.5	106.4	GGGG			37	36
2547-17024	00000/0000	2-10021/0067	07/22/76	80	7627	3306N	10849W	56.6	104.0	GGGG			37	37
2547-17030	00000/0000	2-10021/0068	07/22/76	40	7627	3140N	10914W	56.6	101.6	GGGG			37	38
2547-17033	00000/0000	2-10021/0069	07/22/76	40	7627	3014N	10938W	56.6	99.2	GGGG			37	39
2547-20182	00000/0000	2-10021/0070	07/22/76	10	7629	6922N	13902W	39.8	160.5	GGGG			73	11
2547-20185	00000/0000	2-10021/0071	07/22/76	20	7629	6804N	14050W	40.8	158.1	FGGG			73	12
2547-20191	00000/0000	2-10021/0072	07/22/76	40	7629	6645N	14227W	41.8	155.7	FGGG			73	13
2547-20194	00000/0000	2-10021/0073	07/22/76	30	7629	6524N	14356W	42.8	153.5	GGGG			73	14
2547-20200	00000/0000	2-10021/0074	07/22/76	40	7629	6403N	14516W	43.7	151.3	GGGG			73	15
2547-20203	00000/0000	2-10021/0075	07/22/76	50	7629	6241N	14629W	44.6	149.2	GGGG			73	16
2547-20205	00000/0000	2-10021/0076	07/22/76	90	7629	6120N	14737W	45.5	147.2	FGGG			73	17
2547-20212	00000/0000	2-10021/0077	07/22/76	90	7629	5957N	14838W	46.4	145.2	FGGG			73	18
2547-20214	00000/0000	2-10021/0078	07/22/76	70	7629	5834N	14935W	47.3	143.2	GGGG			73	19
2547-20221	00000/0000	2-10021/0079	07/22/76	70	7629	5711N	15028W	48.1	141.2	GGGG			73	20
2547-22005	00000/0000	2-10021/0080	07/22/76	60	7630	7155N	16035W	37.8	166.1	GFGG			91	9
2547-22011	00000/0000	2-10021/0081	07/22/76	80	7630	7039N	16249W	38.8	163.2	GGGG			91	10
2547-22014	00000/0000	2-10021/0082	07/22/76	60	7630	6923N	16449W	39.8	160.5	GGGG			91	11
2547-22020	00000/0000	2-10021/0083	07/22/76	30	7630	6804N	16638W	40.8	158.0	GGGG			91	12
2547-22023	00000/0000	2-10021/0084	07/22/76	50	7630	6644N	16816W	41.8	155.7	GGGG			91	13
2547-22025	00000/0000	2-10021/0085	07/22/76	70	7630	6524N	16943W	42.8	153.5	GGGG			91	14

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0228

OBSERVATION ID	MICROFILM ROLL NR. POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2547-22032	00000/0000	2-10021/0086	07/22/76	80	7630	6403N	17103W	43.7	151.3	GGGG			91	15
2547-22070	00000/0000	2-10021/0087	07/22/76	90	7630	5136N	17924W	51.2	133.2	GGFG			91	24
2548-15203	00000/0000	2-10021/0088	07/23/76	90	7640	4846N	07853W	52.3	129.2	GGGG			20	26
2548-15210	00000/0000	2-10021/0089	07/23/76	60	7640	4722N	07929W	53.0	127.1	GGGG			20	27
2548-15212	00000/0000	2-10021/0090	07/23/76	30	7640	4556N	08004W	53.5	124.9	GGGG			20	28
2548-15215	00000/0000	2-10021/0091	07/23/76	70	7640	4431N	08038W	54.0	122.7	GGGG			20	29
2548-15221	00000/0000	2-10021/0092	07/23/76	90	7640	4307N	08109W	54.5	120.5	GGGG			20	30
2548-15224	00000/0000	2-10021/0093	07/23/76	70	7640	4142N	08140W	54.9	118.3	GGGG			20	31
2548-15230	00000/0000	2-10021/0094	07/23/76	40	7640	4015N	08210W	55.3	116.0	GGGG			20	32
2548-15233	00000/0000	2-10021/0095	07/23/76	30	7640	3850N	08239W	55.7	113.7	GGGG			20	33
2548-15235	00000/0000	2-10021/0096	07/23/76	20	7640	3725N	08307W	55.9	111.4	GGGG			20	34
2548-15242	00000/0000	2-10021/0097	07/23/76	30	7640	3559N	08335W	56.2	109.0	GGGG			20	35
2548-15244	00000/0000	2-10021/0098	07/23/76	20	7640	3433N	08401W	56.3	106.7	GGGG			20	36
2548-15251	00000/0000	2-10021/0100	07/23/76	20	7640	3307N	08427W	56.5	104.3	GGGG			20	37
2548-15253	00000/0000	2-10021/0101	07/23/76	10	7640	3142N	08452W	56.5	101.9	GGGG			20	38
2548-15260	00000/0000	2-10021/0102	07/23/76	30	7640	3016N	08516W	56.5	99.6	GGGG			20	39
2548-15265	00000/0000	2-10021/0103	07/23/76	20	7640	2850N	08540W	56.5	97.2	GGGG			20	40
2548-17035	00000/0000	2-10021/0135	07/23/76	60	7640	2724N	08603W	56.4	94.9	GGGG			20	41
2548-17041	00000/0000	2-10021/0136	07/23/76	0	7641	4847N	10441W	52.3	129.2	GGGG			38	26
2548-17044	00000/0000	2-10021/0137	07/23/76	10	7641	4722N	10517W	52.9	127.1	GGGG			38	27
2548-17050	00000/0000	2-10021/0138	07/23/76	0	7641	4557N	10552W	53.5	124.9	GGGG			38	28
2548-17053	00000/0000	2-10021/0139	07/23/76	10	7641	4431N	10626W	54.0	122.8	GGGG			38	29
2548-17055	00000/0000	2-10021/0140	07/23/76	10	7641	4307N	10658W	54.5	120.6	GGGG			38	30
2548-17062	00000/0000	2-10021/0141	07/23/76	10	7641	4141N	10729W	54.9	118.3	GGGG			38	31
2548-17064	00000/0000	2-10021/0142	07/23/76	10	7641	4016N	10758W	55.3	116.0	GGGG			38	32
2548-17073	00000/0000	2-10021/0143	07/23/76	20	7641	3850N	10827W	55.6	113.7	GGGG			38	33
2548-17080	00000/0000	2-10021/0144	07/23/76	20	7641	3559N	10922W	56.2	109.1	GGGG			38	34
2548-17082	00000/0000	2-10021/0145	07/23/76	20	7641	3434N	10949W	56.3	106.7	GGGG			38	35
2548-17085	00000/0000	2-10021/0146	07/23/76	30	7641	3308N	11015W	56.5	104.3	GGGG			38	36
2548-17091	00000/0000	2-10021/0147	07/23/76	50	7641	3142N	11040W	56.5	102.0	GGGG			38	37
2548-20240	00000/0000	2-10021/0040	07/23/76	30	7641	3016N	11105W	56.5	99.6	GGGG			38	38
2548-20243	00000/0000	2-10021/0041	07/23/76	30	7643	6921N	14028W	39.6	160.5	GGG			74	11
2548-20245	00000/0000	2-10021/0042	07/23/76	20	7643	6802N	14217W	40.6	158.0	GGG			74	12
2548-20252	00000/0000	2-10021/0043	07/23/76	10	7643	6643N	14355W	41.6	155.7	GGG			74	13
2548-20254	00000/0000	2-10021/0044	07/23/76	20	7643	6522N	14523W	42.6	153.5	GGGG			74	14
				40	7643	6401N	14643W	43.5	151.3	GGGG			74	15

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANHSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0229

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2548-20261	00000/0000	2-10021/0045	07/23/76	80	7643	6240N	14755W	44.5	149.2	GGGG			74	16
2548-20270	00000/0000	2-10021/0046	07/23/76	80	7643	5956N	15005W	46.2	145.2	GGGF			74	18
2548-20272	00000/0000	2-10021/0047	07/23/76	80	7643	5833N	15102W	47.1	143.2	GGGG			74	19
2548-20275	00000/0000	2-10021/0048	07/23/76	90	7643	5710N	15155W	47.9	141.3	GGGG			74	20
2548-20281	00000/0000	2-10021/0049	07/23/76	90	7643	5546N	15246W	48.8	139.3	GGGG			74	21
2548-22065	00000/0000	2-10021/0050	07/23/76	10	7644	7038N	16421W	38.6	163.1	GGGF			92	10
2548-22072	00000/0000	2-10021/0051	07/23/76	30	7644	6920N	16621W	39.6	160.5	GGG			92	11
2548-22074	00000/0000	2-10021/0052	07/23/76	50	7644	6802N	16809W	40.6	158.0	GGG			92	12
2548-22081	00000/0000	2-10021/0053	07/23/76	50	7644	6642N	16946W	41.6	155.7	GGGF			92	13
2548-22083	00000/0000	2-10021/0054	07/23/76	80	7644	6522N	17114W	42.6	153.5	GGGF			92	14
2549-15261	00000/0000	2-10021/0104	07/24/76	40	7654	4844N	08019W	52.2	129.3	GGGG			21	26
2549-15264	00000/0000	2-10021/0105	07/24/76	20	7654	4719N	08055W	52.8	127.2	GGGG			21	27
2549-15270	00000/0000	2-10021/0106	07/24/76	0	7654	4555N	08130W	53.4	125.1	GGGG			21	28
2549-15273	00000/0000	2-10021/0107	07/24/76	30	7654	4430N	08203W	53.9	122.9	GGGG			21	29
2549-15275	00000/0000	2-10021/0108	07/24/76	20	7654	4305N	08235W	54.4	120.7	GGG			21	30
2549-15282	00000/0000	2-10021/0109	07/24/76	10	7654	4139N	08306W	54.8	118.5	GGGG			21	31
2549-15284	00000/0000	2-10021/0110	07/24/76	40	7654	4014N	08336W	55.2	116.2	GGGG			21	32
2549-15291	00000/0000	2-10021/0111	07/24/76	10	7654	3848N	08405W	55.5	113.9	GGGG			21	33
2549-15293	00000/0000	2-10021/0112	07/24/76	10	7654	3722N	08433W	55.8	111.6	GGGG			21	34
2549-15300	00000/0000	2-10021/0113	07/24/76	10	7654	3557N	08500W	56.0	109.3	GGGG			21	35
2549-15302	00000/0000	2-10021/0114	07/24/76	10	7654	3432N	08526W	56.2	106.9	GGGG			21	36
2549-15305	00000/0000	2-10021/0115	07/24/76	10	7654	3306N	08552W	56.3	104.6	GGGG			21	37
2549-15311	00000/0000	2-10021/0116	07/24/76	0	7654	3140N	08617W	56.4	102.2	GGGG			21	38
2549-15314	00000/0000	2-10021/0117	07/24/76	10	7654	3014N	08642W	56.4	99.9	GGFG			21	39
2549-15320	00000/0000	2-10021/0118	07/24/76	10	7654	2848N	08706W	56.4	97.5	GGGG			21	40
2549-15323	00000/0000	2-10021/0119	07/24/76	10	7654	2722N	08730W	56.3	95.2	GGGG			21	41
2549-17090	00000/0000	2-10021/0159	07/24/76	30	7655	5009N	10530W	51.5	131.4	GGGG			39	25
2549-17093	00000/0000	2-10021/0160	07/24/76	50	7655	4844N	10608W	52.2	129.3	GGGG			39	26
2549-17095	00000/0000	2-10021/0161	07/24/76	50	7655	4719N	10644W	52.8	127.2	GGGG			39	27
2549-17102	00000/0000	2-10021/0162	07/24/76	20	7655	4554N	10718W	53.3	125.1	GGGG			39	28
2549-20292	00000/0000	2-10021/0231	07/24/76	0	7657	7039N	13953W	38.4	163.2	GGGG			75	10
2549-20295	00000/0000	2-10021/0232	07/24/76	30	7657	6922N	14153W	39.4	160.6	GGGG			75	11
2549-20301	00000/0000	2-10021/0233	07/24/76	80	7657	6804N	14341W	40.4	158.1	GGGG			75	12
2549-20304	00000/0000	2-10021/0234	07/24/76	50	7657	6644N	14518W	41.4	155.8	GGGG			75	13
2549-20310	00000/0000	2-10021/0235	07/24/76	50	7657	6524N	14645W	42.3	153.5	GGGG			75	14
2549-20313	00000/0000	2-10021/0236	07/24/76	80	7657	6403N	14806W	43.3	151.4	GGGG			75	15

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

0129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0230

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NR./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2549-20315	00000/0000	2-10021/0237	07/24/76	80	7657	6241N 14920W	44.2	149.3	GGGG			75	16
2549-20322	00000/0000	2-10021/0238	07/24/76	40	7657	6120N 15027W	45.1	147.3	GGGG			75	17
2549-20324	00000/0000	2-10021/0239	07/24/76	40	7657	5957N 15130W	46.0	145.3	GGGG			75	18
2549-20331	00000/0000	2-10021/0240	07/24/76	70	7657	5834N 15228W	46.9	143.4	GGGG			75	19
2549-20333	00000/0000	2-10021/0241	07/24/76	80	7657	5711N 15322W	47.7	141.4	GGGG			75	20
2549-20340	00000/0000	2-10021/0242	07/24/76	70	7657	5547N 15412W	48.5	139.4	GGGG			75	21
2549-22130	00000/0000	2-10021/0243	07/24/76	60	7658	6922N 16735W	39.4	160.6	GGGG			93	11
2549-22133	00000/0000	2-10021/0244	07/24/76	70	7658	6803N 16924W	40.4	158.1	GGGG			93	12
2549-22135	00000/0000	2-10021/0245	07/24/76	80	7658	6643N 17103W	41.4	155.8	GGGG			93	13
2550-15320	00000/0000	2-10021/0259	07/25/76	10	7668	4845N 08144W	52.0	129.5	GG G			22	26
2550-15322	00000/0000	2-10021/0260	07/25/76	10	7668	4721N 08220W	52.6	127.4	GGGG			22	27
2550-15325	00000/0000	2-10021/0261	07/25/76	10	7668	4557N 08255W	53.2	125.3	GGGG			22	28
2550-15331	00000/0000	2-10021/0262	07/25/76	40	7668	4431N 08329W	53.7	123.2	GGGG			22	29
2550-15334	00000/0000	2-10021/0263	07/25/76	40	7668	4306N 08401W	54.2	121.0	GGGG			22	30
2550-15340	00000/0000	2-10021/0264	07/25/76	10	7668	4141N 08433W	54.6	118.8	GGGG			22	31
2550-15343	00000/0000	2-10021/0265	07/25/76	0	7668	4016N 08502W	55.0	116.5	GGGG			22	32
2550-15345	00000/0000	2-10021/0266	07/25/76	0	7668	3850N 08531W	55.4	114.2	GGGG			22	33
2550-15352	00000/0000	2-10021/0267	07/25/76	40	7668	3725N 08559W	55.7	111.9	GGGG			22	34
2550-15354	00000/0000	2-10021/0268	07/25/76	30	7668	3600N 08626W	55.9	109.6	GGGG			22	35
2550-15361	00000/0000	2-10021/0269	07/25/76	30	7668	3434N 08652W	56.1	107.3	GGGG			22	36
2550-15363	00000/0000	2-10021/0270	07/25/76	10	7668	3308N 08718W	56.2	104.9	GGGG			22	37
2550-15370	00000/0000	2-10021/0271	07/25/76	10	7668	3142N 08744W	56.3	102.6	GGGG			22	38
2550-15372	00000/0000	2-10021/0272	07/25/76	30	7668	3016N 08809W	56.3	100.2	GGGG			22	39
2550-15375	00000/0000	2-10021/0273	07/25/76	20	7668	2850N 08833W	56.3	97.9	GGGG			22	40
2550-15381	00000/0000	2-10021/0274	07/25/76	10	7668	2724N 08856W	56.2	95.6	GGGG			22	41
2550-17145	00000/0000	2-10021/0120	07/25/76	20	7669	5010N 10655W	51.3	131.6	GGGG			40	25
2550-17151	00000/0000	2-10021/0121	07/25/76	20	7669	4845N 10734W	52.0	129.5	GGGG			40	26
2550-17154	00000/0000	2-10021/0122	07/25/76	10	7669	4721N 10810W	52.6	127.4	GGGG			40	27
2550-17160	00000/0000	2-10021/0123	07/25/76	20	7669	4556N 10845W	53.2	125.3	GGGG			40	28
2550-17163	00000/0000	2-10021/0124	07/25/76	20	7669	4431N 10918W	53.7	123.2	GGGG			40	29
2550-17165	00000/0000	2-10021/0125	07/25/76	20	7669	4305N 10950W	54.2	121.0	GGGG			40	30
2550-17172	00000/0000	2-10021/0126	07/25/76	30	7669	4141N 11022W	54.6	118.8	GGGG			40	31
2550-17174	00000/0000	2-10021/0127	07/25/76	40	7669	4016N 11052W	55.0	116.5	GGGG			40	32
2550-17181	00000/0000	2-10021/0128	07/25/76	40	7669	3850N 11121W	55.4	114.3	GGGG			40	33
2550-17183	00000/0000	2-10021/0129	07/25/76	30	7669	3725N 11149W	55.6	112.0	GGGG			40	34
2550-17190	00000/0000	2-10021/0130	07/25/76	30	7669	3558N 11216W	55.9	109.6	GGGG			40	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0231

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	BRBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	BRBIT PATH NUMBER	FRAME ROW NUMBER
2550-17192	00000/0000	2-10021/0131	07/25/76	40	7669	3432N	11242W	56.1	107.3	GGGG		40	36
2550-17195	00000/0000	2-10021/0132	07/25/76	30	7669	3307N	11309W	56.2	105.0	GGGG		40	37
2550-17201	00000/0000	2-10021/0133	07/25/76	20	7669	3142N	11334W	56.3	102.6	GGGG		40	38
2550-17204	00000/0000	2-10021/0134	07/25/76	10	7669	3017N	11358W	56.3	100.3	GFGG		40	39
2550-20353	00000/0000	2-10021/0148	07/25/76	30	7671	6921N	14317W	39.2	160.5	FGGG		76	11
2550-20355	00000/0000	2-10021/0149	07/25/76	40	7671	6802N	14505W	40.2	158.1	GGGG		76	12
2550-20362	00000/0000	2-10021/0150	07/25/76	60	7671	6643N	14641W	41.2	155.8	GGGG		76	13
2550-20364	00000/0000	2-10021/0151	07/25/76	70	7671	6523N	14809W	42.2	153.6	GGFF		76	14
2550-20371	00000/0000	2-10021/0152	07/25/76	100	7671	6401N	14930W	43.1	151.4	GGFG		76	15
2550-20373	00000/0000	2-10021/0153	07/25/76	60	7671	6240N	15044W	44.0	149.4	GGFG		76	16
2550-20380	00000/0000	2-10021/0154	07/25/76	10	7671	6118N	15151W	44.9	147.4	FGGG		76	17
2550-20382	00000/0000	2-10021/0155	07/25/76	10	7671	5956N	15254W	45.8	145.4	GGGF		76	18
2550-20385	00000/0000	2-10021/0156	07/25/76	60	7671	5833N	15353W	46.7	143.4	GGGG		76	19
2550-20391	00000/0000	2-10021/0157	07/25/76	60	7671	5709N	15447W	47.5	141.5	GGGG		76	20
2550-20394	00000/0000	2-10021/0158	07/25/76	60	7671	5546N	15538W	48.3	139.5	GGGG		76	21
2550-22234	00000/0000	2-10021/0163	07/25/76	90	7672	5301N	17700E	49.8	135.7	GG G		94	23
2551-15374	00000/0000	2-10021/0173	07/26/76	90	7682	4847N	08311W	51.8	129.7	GGGG		23	26
2551-15380	00000/0000	2-10021/0174	07/26/76	90	7682	4723N	08347W	52.4	127.7	GGGG		23	27
2551-15383	00000/0000	2-10021/0175	07/26/76	90	7682	4557N	08422W	53.0	125.6	GGGG		23	28
2551-15385	00000/0000	2-10021/0176	07/26/76	30	7682	4432N	08455W	53.5	123.4	GGGG		23	29
2551-15392	00000/0000	2-10021/0177	07/26/76	10	7682	4308N	08528W	54.0	121.3	GGGG		23	30
2551-15394	00000/0000	2-10021/0178	07/26/76	10	7682	4143N	08559W	54.5	119.1	GGGG		23	31
2551-15401	00000/0000	2-10021/0179	07/26/76	10	7682	4017N	08628W	54.9	116.8	GFGG		23	32
2551-15403	00000/0000	2-10021/0180	07/26/76	0	7682	3851N	08656W	55.2	114.6	GGGG		23	33
2551-15410	00000/0000	2-10021/0181	07/26/76	10	7682	3726N	08724W	55.5	112.3	GGGG		23	34
2551-15412	00000/0000	2-10021/0182	07/26/76	10	7682	3600N	08752W	55.8	110.0	FGGG		23	35
2551-15415	00000/0000	2-10021/0183	07/26/76	10	7682	3434N	08819W	56.0	107.7	GGGG		23	36
2551-15421	00000/0000	2-10021/0184	07/26/76	10	7682	3309N	08845W	56.1	105.3	GGGG		23	37
2551-15424	00000/0000	2-10021/0185	07/26/76	10	7682	3144N	08910W	56.2	103.0	FFFF		23	38
2551-15430	00000/0000	2-10021/0186	07/26/76	20	7682	3018N	08935W	56.2	100.6	GFGG		23	39
2551-15433	00000/0000	2-10021/0187	07/26/76	30	7682	2852N	08959W	56.2	98.3	FFGG		23	40
2551-15435	00000/0000	2-10021/0188	07/26/76	20	7682	2726N	09022W	56.1	96.0	FGGG		23	41
2551-17205	00000/0000	2-10021/0189	07/26/76	10	7683	4848N	10858W	51.8	129.8	GGGG		41	26
2551-17212	00000/0000	2-10021/0190	07/26/76	10	7683	4723N	10935W	52.4	127.7	GGGG		41	27
2551-17214	00000/0000	2-10021/0191	07/26/76	10	7683	4558N	11010W	53.0	125.6	GGGG		41	28
2551-17221	00000/0000	2-10021/0192	07/26/76	40	7683	4433N	11043W	53.5	123.5	GGGG		41	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0232

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RRV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2551-17223	00000/0000	2-10021/0193	07/26/76	30	7683	4307N	11115W	54.0	121.3	GGGG		41	30
2551-17230	00000/0000	2-10021/0194	07/26/76	10	7683	4142N	11146W	54.4	119.1	GGGG		41	31
2551-17232	00000/0000	2-10021/0195	07/26/76	10	7683	4017N	11216W	54.8	116.9	GGGG		41	32
2551-17235	00000/0000	2-10021/0196	07/26/76	40	7683	3852N	11245W	55.2	114.6	GGGG		41	33
2551-17241	00000/0000	2-10021/0197	07/26/76	90	7683	3726N	11313W	55.5	112.3	GGGG		41	34
2551-17244	00000/0000	2-10021/0198	07/26/76	40	7683	3601N	11340W	55.7	110.0	GGGG		41	35
2551-17250	00000/0000	2-10021/0199	07/26/76	10	7683	3435N	11407W	55.9	107.7	GGGG		41	36
2551-17253	00000/0000	2-10021/0200	07/26/76	10	7683	3309N	11433W	56.1	105.3	GGGG		41	37
2551-17255	00000/0000	2-10021/0201	07/26/76	30	7683	3144N	11459W	56.2	103.0	GGGG		41	38
2551-20423	00000/0000	2-10021/0164	07/26/76	90	7685	6504N	14939W	41.9	153.7	GGGG		77	14
2551-20425	00000/0000	2-10021/0165	07/26/76	60	7685	6403N	15059W	42.9	151.5	GGGG		77	15
2551-20432	00000/0000	2-10021/0166	07/26/76	60	7685	6241N	15211W	43.8	149.5	GGGG		77	16
2551-20434	00000/0000	2-10021/0167	07/26/76	70	7685	6120N	15319W	44.7	147.5	GGGG		77	17
2551-20441	00000/0000	2-10021/0168	07/26/76	80	7685	5958N	15421W	45.6	145.5	GGGG		77	18
2551-20443	00000/0000	2-10021/0169	07/26/76	90	7685	5835N	15518W	46.5	143.6	GGGG		77	19
2551-20450	00000/0000	2-10021/0170	07/26/76	90	7685	5712N	15612W	47.3	141.6	GGGG		77	20
2551-20452	00000/0000	2-10021/0171	07/26/76	90	7685	5548N	15703W	48.1	139.7	GGGG		77	21
2551-20455	00000/0000	2-10021/0172	07/26/76	90	7685	5424N	15752W	48.9	137.7	GGGG		77	22
2552-15432	00000/0000	2-10021/0216	07/27/76	80	7696	4845N	08437W	51.6	129.9	GGGG		24	26
2552-15435	00000/0000	2-10021/0217	07/27/76	30	7696	4721N	08514W	52.2	127.8	GGGG		24	27
2552-15441	00000/0000	2-10021/0218	07/27/76	10	7696	4557N	08548W	52.8	125.8	GGGG		24	28
2552-15444	00000/0000	2-10021/0219	07/27/76	10	7696	4432N	08621W	53.3	123.6	GGGG		24	29
2552-15450	00000/0000	2-10021/0220	07/27/76	30	7696	4306N	08653W	53.8	121.5	GGGG		24	30
2552-15453	00000/0000	2-10021/0221	07/27/76	50	7696	4141N	08724W	54.3	119.3	GGGG		24	31
2552-15455	00000/0000	2-10021/0222	07/27/76	90	7696	4016N	08754W	54.7	117.1	GGGG		24	32
2552-15462	00000/0000	2-10021/0223	07/27/76	90	7696	3849N	08823W	55.1	114.8	GGGG		24	33
2552-15464	00000/0000	2-10021/0224	07/27/76	60	7696	3724N	08851W	55.4	112.6	GGGG		24	34
2552-15471	00000/0000	2-10021/0225	07/27/76	20	7696	3559N	08919W	55.6	110.3	GGGG		24	35
2552-15473	00000/0000	2-10021/0226	07/27/76	40	7696	3433N	08945W	55.8	107.9	GGGG		24	36
2552-15480	00000/0000	2-10021/0227	07/27/76	40	7696	3307N	09011W	56.0	105.6	GGGG		24	37
2552-15482	00000/0000	2-10021/0228	07/27/76	30	7696	3142N	09037W	56.1	103.3	GGGG		24	38
2552-15485	00000/0000	2-10021/0229	07/27/76	50	7696	3015N	09101W	56.1	101.0	GGGG		24	39
2552-15491	00000/0000	2-10021/0230	07/27/76	30	7696	2850N	09125W	56.1	98.6	GGGG		24	40
2552-17264	00000/0000	2-10021/0246	07/27/76	30	7697	4846N	11025W	51.6	119.9	GGG		42	26
2552-17270	00000/0000	2-10021/0247	07/27/76	10	7697	4721N	11101W	52.2	117.9	GGGG		42	27
2552-17273	00000/0000	2-10021/0248	07/27/76	10	7697	4557N	11135W	52.8	125.8	GGGG		42	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANNSAT-2  
OBSERVATION ID LISTING  
FNR US  
FROM 01/22/76 TO 01/22/77

PAGE 0233

OBSERVATION ID	MICROFILM POSITION RBY	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2552-17275	00000/0000	2-10021/0249	07/27/76	20	7697	4432N	11209W	53.3	123.7	GGGG			42	29
2552-17282	00000/0000	2-10021/0250	07/27/76	10	7697	4306N	11241W	53.8	121.5	GGGG			42	30
2552-17284	00000/0000	2-10021/0251	07/27/76	20	7697	4141N	11312W	54.3	119.3	GGGG			42	31
2552-17291	00000/0000	2-10021/0252	07/27/76	30	7697	4015N	11342W	54.7	117.1	GGGG			42	32
2552-17293	00000/0000	2-10021/0253	07/27/76	20	7697	3850N	11411W	55.0	114.8	GGGG			42	33
2552-17300	00000/0000	2-10021/0254	07/27/76	10	7697	3724N	11439W	55.4	112.6	GGGG			42	34
2552-17302	00000/0000	2-10021/0255	07/27/76	30	7697	3559N	11507W	55.6	110.3	GGGG			42	35
2552-17305	00000/0000	2-10021/0256	07/27/76	20	7697	3434N	11533W	55.8	108.0	GGGG			42	36
2552-17311	00000/0000	2-10021/0257	07/27/76	10	7697	3308N	11559W	56.0	105.6	GGGG			42	37
2552-17314	00000/0000	2-10021/0258	07/27/76	50	7697	3142N	11625W	56.1	103.3	GGGG			42	38
2552-20463	00000/0000	2-10021/0202	07/27/76	70	7699	7038N	14411W	37.7	163.2	GGGG			78	10
2552-20465	00000/0000	2-10021/0203	07/27/76	70	7699	6921N	14612W	38.7	160.6	FGGG			78	11
2552-20472	00000/0000	2-10021/0204	07/27/76	90	7699	6802N	14800W	39.7	158.2	GGGG			78	12
2552-20474	00000/0000	2-10021/0205	07/27/76	90	7699	6643N	14937W	40.7	155.9	GGGG			78	13
2552-20481	00000/0000	2-10021/0206	07/27/76	60	7699	6523N	15106W	41.7	153.7	GGGG			78	14
2552-20483	00000/0000	2-10021/0207	07/27/76	40	7699	6402N	15226W	42.7	151.6	GGGG			78	15
2552-20490	00000/0000	2-10021/0208	07/27/76	30	7699	6240N	15339W	43.6	149.5	GGGG			78	16
2552-20492	00000/0000	2-10021/0209	07/27/76	60	7699	6118N	15446W	44.5	147.5	GGGG			78	17
2552-20495	00000/0000	2-10021/0210	07/27/76	80	7699	5956N	15548W	45.4	145.6	GGGG			78	18
2552-20501	00000/0000	2-10021/0211	07/27/76	90	7699	5834N	15646W	46.3	143.6	GGGG			78	19
2552-20504	00000/0000	2-10021/0212	07/27/76	100	7699	5711N	15740W	47.1	141.7	GGGG			78	20
2552-20510	00000/0000	2-10021/0213	07/27/76	100	7699	5546N	15831W	47.9	139.8	GGGG			78	21
2552-20513	00000/0000	2-10021/0214	07/27/76	100	7699	5422N	15918W	48.7	137.8	GGGG			78	22
2552-22344	00000/0000	2-10021/0215	07/27/76	90	7700	5425N	17452E	48.7	137.9	GGGG			96	22
2553-15490	00000/0000	2-10021/0287	07/28/76	40	7710	4848N	08603W	51.4	130.1	GGGG			25	26
2553-15493	00000/0000	2-10021/0288	07/28/76	80	7710	4723N	08640W	52.0	128.1	GGGG			25	27
2553-15495	00000/0000	2-10021/0289	07/28/76	90	7710	4558N	08715W	52.6	126.0	GGGG			25	28
2553-15502	00000/0000	2-10021/0290	07/28/76	100	7710	4433N	08748W	53.1	123.9	GGGG			25	29
2553-15504	00000/0000	2-10021/0291	07/28/76	90	7710	4309N	08820W	53.6	121.8	GGGG			25	30
2553-15511	00000/0000	2-10021/0292	07/28/76	80	7710	4143N	08851W	54.1	119.6	GGGG			25	31
2553-15513	00000/0000	2-10021/0293	07/28/76	40	7710	4017N	08921W	54.5	117.4	GGGG			25	32
2553-15520	00000/0000	2-10021/0294	07/28/76	10	7710	3851N	08950W	54.9	115.2	GGGG			25	33
2553-15522	00000/0000	2-10021/0295	07/28/76	10	7710	3726N	09018W	55.2	112.9	GGGG			25	34
2553-15525	00000/0000	2-10021/0296	07/28/76	10	7710	3600N	09045W	55.5	110.6	GGGG			25	35
2553-15531	00000/0000	2-10021/0297	07/28/76	10	7710	3434N	09111W	55.7	108.3	GGGG			25	36
2553-15534	00000/0000	2-10021/0298	07/28/76	30	7710	3309N	09137W	55.9	106.0	GGGG			25	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0234

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL REV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL REV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2553-15540	00000/0000 2-10021/0299	07/28/76	40	7710	3143N	09202W	56.0	103.7	GGGG				
2553-15543	00000/0000 2-10021/0300	07/28/76	40	7710	3017N	09227W	56.0	101.4	GGGG			25	38
2553-15545	00000/0000 2-10021/0301	07/28/76	30	7710	2852N	09251W	56.0	99.1	GGGG			25	39
2553-17322	00000/0000 2-10021/0275	07/28/76	10	7711	4848N	11150W	51.4	130.1	GGGG			25	40
2553-17324	00000/0000 2-10021/0276	07/28/76	0	7711	4723N	11226W	52.0	128.1	GGGG			43	26
2553-17331	00000/0000 2-10021/0277	07/28/76	0	7711	4558N	11301W	52.6	126.0	GGGG			43	27
2553-17333	00000/0000 2-10021/0278	07/28/76	10	7711	4433N	11335W	53.1	123.9	GGGG			43	28
2553-17340	00000/0000 2-10021/0279	07/28/76	10	7711	4308N	11407W	53.6	121.8	GGGG			43	29
2553-17342	00000/0000 2-10021/0280	07/28/76	10	7711	4143N	11439W	54.1	119.6	GGGG			43	30
2553-17345	00000/0000 2-10021/0281	07/28/76	20	7711	4018N	11509W	54.5	117.4	GGGG			43	31
2553-17351	00000/0000 2-10021/0282	07/28/76	40	7711	3852N	11538W	54.9	115.2	GGGG			43	32
2553-17354	00000/0000 2-10021/0283	07/28/76	20	7711	3727N	11606W	55.2	112.9	GGGG			43	33
2553-17360	00000/0000 2-10021/0284	07/28/76	10	7711	3601N	11633W	55.5	110.7	GGGG			43	34
2553-17363	00000/0000 2-10021/0285	07/28/76	20	7711	3435N	11700W	55.7	108.4	GGGG			43	35
2553-17365	00000/0000 2-10021/0286	07/28/76	50	7711	3309N	11725W	55.8	106.0	GGGG			43	36
2553-20521	00000/0000 2-10021/0317	07/28/76	20	7713	7040N	14537W	37.5	163.3	GGGG			43	37
2553-20524	00000/0000 2-10021/0318	07/28/76	70	7713	6923N	14738W	38.5	160.7	GGGG			79	10
2553-20530	00000/0000 2-10021/0319	07/28/76	90	7713	6805N	14926W	39.5	158.3	GGGG			79	11
2553-20533	00000/0000 2-10021/0320	07/28/76	90	7713	6645N	15104W	40.5	156.0	GGGG			79	12
2553-20535	00000/0000 2-10021/0321	07/28/76	90	7713	6525N	15232W	41.4	153.8	GGGG			79	13
2553-20542	00000/0000 2-10021/0322	07/28/76	90	7713	6404N	15352W	42.4	151.7	GGGG			79	14
2553-20544	00000/0000 2-10021/0323	07/28/76	80	7713	6243N	15505W	43.3	149.6	GGGG			79	15
2553-20551	00000/0000 2-10021/0324	07/28/76	80	7713	6121N	15612W	44.3	147.7	GGGG			79	16
2553-20553	00000/0000 2-10021/0325	07/28/76	70	7713	5959N	15715W	45.1	145.7	GGGG			79	17
2553-20560	00000/0000 2-10021/0326	07/28/76	40	7713	5836N	15813W	46.0	143.8	GGGG			79	18
2553-20562	00000/0000 2-10021/0327	07/28/76	50	7713	5712N	15906W	46.9	141.9	GGGG			79	19
2553-20565	00000/0000 2-10021/0328	07/28/76	70	7713	5549N	15957W	47.7	139.9	GGGG			79	20
2553-20571	00000/0000 2-10021/0329	07/28/76	90	7713	5425N	16044W	48.5	138.0	GGGG			79	21
2554-15551	00000/0000 2-10021/0302	07/29/76	30	7724	4726N	08803W	51.8	128.4	GGGG			26	22
2554-15553	00000/0000 2-10021/0303	07/29/76	20	7724	4600N	08838W	52.4	126.3	GGGG			26	27
2554-15560	00000/0000 2-10021/0304	07/29/76	20	7724	4435N	08911W	52.9	124.2	GGGG			26	28
2554-15562	00000/0000 2-10021/0305	07/29/76	50	7724	4310N	08943W	53.5	122.1	GGGG			26	29
2554-15565	00000/0000 2-10021/0306	07/29/76	80	7724	4145N	09014W	53.9	119.9	GGGG			26	30
2554-15571	00000/0000 2-10021/0307	07/29/76	30	7724	4019N	09045W	54.3	117.8	GGGG			26	31
2554-15574	00000/0000 2-10021/0308	07/29/76	40	7724	3854N	09114W	54.7	115.5	GGGG			26	32
2554-15580	00000/0000 2-10021/0309	07/29/76	70	7724	3729N	09142W	55.1	113.3	GGGG			26	33
												26	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0235

OBSERVATION ID	MICROFILM POSITION IN RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBV NUMBER
2554-15583	00000/0000	2-10021/0310	07/29/76	80	7724	3604N	09210W	55.3	111.0	GGGG			26	35
2554-15585	00000/0000	2-10021/0311	07/29/76	40	7724	3438N	09236W	55.6	108.7	GGGG			26	36
2554-15592	00000/0000	2-10021/0312	07/29/76	30	7724	3311N	09302W	55.7	106.4	GGGG			26	37
2554-15594	00000/0000	2-10021/0313	07/29/76	40	7724	3145N	09327W	55.8	104.1	GGGG			26	38
2554-16001	00000/0000	2-10021/0314	07/29/76	50	7724	3019N	09351W	55.9	101.8	GGGG			26	39
2554-16003	00000/0000	2-10021/0315	07/29/76	40	7724	2854N	09415W	55.9	99.5	GGGG			26	40
2554-16010	00000/0000	2-10021/0316	07/29/76	40	7724	2728N	09438W	55.9	97.2	GGGG			26	41
2554-16012	00000/0000	2-10021/0357	07/29/76	20	7724	2603N	09501W	55.8	94.9	GGGG			26	42
2554-16015	00000/0000	2-10021/0358	07/29/76	20	7724	2437N	09524W	55.6	92.7	GGGG			26	43
2554-17380	00000/0000	2-10021/0359	07/29/76	60	7725	4850N	11316W	51.1	130.4	GGGG			44	26
2554-17383	00000/0000	2-10021/0360	07/29/76	10	7725	4725N	11353W	51.8	128.4	GGGG			44	27
2554-17385	00000/0000	2-10021/0361	07/29/76	10	7725	4601N	11427W	52.4	126.3	GGGG			44	28
2554-17392	00000/0000	2-10021/0362	07/29/76	80	7725	4435N	11501W	52.9	124.2	GGGG			44	29
2554-17394	00000/0000	2-10021/0363	07/29/76	90	7725	4310N	11534W	53.4	122.1	GGGG			44	30
2554-17401	00000/0000	2-10021/0364	07/29/76	90	7725	4145N	11605W	53.9	120.0	GGGG			44	31
2554-17403	00000/0000	2-10021/0365	07/29/76	20	7725	4020N	11635W	54.3	117.8	GGGG			44	32
2554-17410	00000/0000	2-10021/0366	07/29/76	20	7725	3854N	11704W	54.7	115.6	GGGG			44	33
2554-17412	00000/0000	2-10021/0367	07/29/76	20	7725	3729N	11733W	55.0	113.3	GGGG			44	34
2554-17415	00000/0000	2-10021/0368	07/29/76	10	7725	3603N	11800W	55.3	111.0	GGGG			44	35
2554-17421	00000/0000	2-10021/0369	07/29/76	10	7725	3438N	11826W	55.5	108.8	GGGG			44	36
2554-17424	00000/0000	2-10021/0370	07/29/76	60	7725	3313N	11851W	55.7	106.5	GGGG			44	37
2554-20575	00000/0000	2-10021/0330	07/29/76	10	7727	7043N	14659W	37.2	163.4	GGGG			80	10
2554-20582	00000/0000	2-10021/0331	07/29/76	60	7727	6925N	14901W	38.2	160.8	GGGG			80	11
2554-20584	00000/0000	2-10021/0332	07/29/76	80	7727	6807N	15049W	39.2	158.4	GGGG			80	12
2554-20591	00000/0000	2-10021/0333	07/29/76	90	7727	6647N	15226W	40.2	156.1	GGGG			80	13
2554-20593	00000/0000	2-10021/0334	07/29/76	90	7727	6527N	15354W	41.2	153.9	GGGG			80	14
2554-21000	00000/0000	2-10021/0335	07/29/76	90	7727	6406N	15515W	42.1	151.8	GGGG			80	15
2554-21002	00000/0000	2-10021/0336	07/29/76	100	7727	6245N	15629W	43.1	149.8	GGGG			80	16
2554-21005	00000/0000	2-10021/0337	07/29/76	100	7727	6123N	15738W	44.0	147.8	GGGG			80	17
2554-21011	00000/0000	2-10021/0338	07/29/76	90	7727	6000N	15841W	44.9	145.9	GGGG			80	18
2554-21014	00000/0000	2-10021/0339	07/29/76	90	7727	5837N	15939W	45.8	143.9	GGGG			80	19
2554-21020	00000/0000	2-10021/0340	07/29/76	70	7727	5714N	16032W	46.6	142.0	GGGG			80	20
2554-21023	00000/0000	2-10021/0341	07/29/76	80	7727	5551N	16123W	47.4	140.1	GGGG			80	21
2554-21025	00000/0000	2-10021/0342	07/29/76	90	7727	5427N	16210W	48.2	138.2	GGGG			80	22
2555-14174	00000/0000	2-10021/0444	07/30/76	80	7737	4725N	06340W	51.6	128.5	GGGG		H	9	27
2555-16003	00000/0000	2-10021/0445	07/30/76	80	7738	4849N	08855W	51.0	130.6	GGGG			27	26

KEYS: CLOUD COVER x ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0236

OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL REV	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE=QUAL REV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2555-16005	00000/0000 2-10021/0446	07/30/76	60	7738	4724N	08931W	51.6	128.5	GGGG		27	27
2555-16012	00000/0000 2-10021/0447	07/30/76	70	7738	4559N	09006W	52.2	126.5	GGGG		27	28
2555-16014	00000/0000 2-10021/0448	07/30/76	60	7738	4433N	09039W	52.8	124.4	GGGG		27	29
2555-16021	00000/0000 2-10021/0449	07/30/76	70	7738	4308N	09111W	53.3	122.3	GGGG		27	30
2555-16023	00000/0000 2-10021/0450	07/30/76	20	7738	4143N	09142W	53.8	120.2	GGGG		27	31
2555-16030	00000/0000 2-10021/0451	07/30/76	90	7738	4018N	09212W	54.2	118.0	GGGG		27	32
2555-16032	00000/0000 2-10021/0452	07/30/76	30	7738	3852N	09241W	54.6	115.8	GGGG		27	33
2555-16035	00000/0000 2-10021/0453	07/30/76	10	7738	3727N	09309W	54.9	113.6	GGGG		27	34
2555-16041	00000/0000 2-10021/0454	07/30/76	10	7738	3602N	09336W	55.2	111.3	GGGG		27	35
2555-16044	00000/0000 2-10021/0455	07/30/76	10	7738	3436N	09402W	55.4	109.0	GGGG		27	36
2555-16050	00000/0000 2-10021/0456	07/30/76	10	7738	3310N	09428W	55.6	106.8	GGGG		27	37
2555-16053	00000/0000 2-10021/0457	07/30/76	20	7738	3144N	09453W	55.7	104.5	GGGG		27	38
2555-16055	00000/0000 2-10021/0371	07/30/76	50	7738	3018N	09518W	55.8	102.2	GGGG		27	39
2555-16062	00000/0000 2-10021/0372	07/30/76	30	7738	2852N	09542W	55.8	99.9	GGGG		27	40
2555-17434	00000/0000 2-10021/0373	07/30/76	100	7739	4849N	11442W	51.0	130.6	GGGG		45	26
2555-17441	00000/0000 2-10021/0374	07/30/76	90	7739	4725N	11518W	51.6	128.6	GGGG		45	27
2555-17443	00000/0000 2-10021/0375	07/30/76	40	7739	4600N	11553W	52.2	126.5	GGGG		45	28
2555-17450	00000/0000 2-10021/0376	07/30/76	20	7739	4435N	11627W	52.8	124.5	GGGG		45	29
2555-17452	00000/0000 2-10021/0377	07/30/76	10	7739	4310N	11700W	53.3	122.3	GGGG		45	30
2555-17455	00000/0000 2-10021/0378	07/30/76	10	7739	4144N	11731W	53.7	120.2	GGGG		45	31
2555-17461	00000/0000 2-10021/0379	07/30/76	40	7739	4019N	11801W	54.2	118.0	GGGG		45	32
2555-17473	00000/0000 2-10021/0380	07/30/76	40	7739	3802N	11924W	55.2	111.3	GGGG		45	35
2555-17475	00000/0000 2-10021/0381	07/30/76	40	7739	3436N	11951W	55.4	109.1	FFGG		45	36
2555-21034	00000/0000 2-10021/0343	07/30/76	20	7741	7041N	14825W	37.0	163.4	GGGG		81	10
2555-21040	00000/0000 2-10021/0344	07/30/76	40	7741	6924N	15028W	38.0	160.8	GGGG		81	11
2555-21043	00000/0000 2-10021/0345	07/30/76	60	7741	6806N	15217W	39.0	158.4	GGGG		81	12
2555-21045	00000/0000 2-10021/0346	07/30/76	80	7741	6646N	15354W	40.0	156.1	GGGG		81	13
2555-21052	00000/0000 2-10021/0347	07/30/76	90	7741	6526N	15521W	41.0	153.9	GGGG		81	14
2555-21054	00000/0000 2-10021/0348	07/30/76	90	7741	6405N	15641W	41.9	151.8	GGGG		81	15
2555-21061	00000/0000 2-10021/0349	07/30/76	100	7741	6243N	15755W	42.9	149.8	GGGG		81	16
2555-21063	00000/0000 2-10021/0350	07/30/76	90	7741	6121N	15903W	43.8	147.9	GGGG		81	17
2555-21070	00000/0000 2-10021/0351	07/30/76	70	7741	5959N	16005W	44.7	145.9	GGGG		81	18
2555-21072	00000/0000 2-10021/0352	07/30/76	90	7741	5826N	16103W	45.6	144.0	GGGG		81	19
2555-21075	00000/0000 2-10021/0353	07/30/76	90	7741	5713N	16157W	46.4	142.1	GGGG		81	20
2555-21081	00000/0000 2-10021/0354	07/30/76	90	7741	5549N	16247W	47.2	140.2	GGGG		81	21
2555-21084	00000/0000 2-10021/0355	07/30/76	100	7741	5426N	16335W	48.0	138.3	GGGG		81	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0237

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2555-21090	00000/0000	2-10021/0356	07/30/76	90	7741	5302N	16420W	48.8	136.4	FGGG			81	23
2556-14232	00000/0000	2-10021/0382	07/31/76	40	7751	4726N	06506W	51.4	128.8	GGGG			10	27
2556-14234	00000/0000	2-10021/0383	07/31/76	80	7751	4602N	06540W	52.0	126.8	GGGG			10	28
2556-14241	00000/0000	2-10021/0384	07/31/76	90	7751	4437N	06613W	52.6	124.7	GGGG			10	29
2556-14243	00000/0000	2-10021/0385	07/31/76	90	7751	4311N	06646W	53.1	122.6	GGGG			10	30
2556-16061	00000/0000	2-10021/0386	07/31/76	10	7752	4850N	09019W	50.7	130.8	GGGG			28	26
2556-16063	00000/0000	2-10021/0387	07/31/76	10	7752	4725N	09055W	51.4	128.8	GGGG			28	27
2556-16070	00000/0000	2-10021/0388	07/31/76	30	7752	4601N	09130W	52.0	126.8	GGGG			28	28
2556-16072	00000/0000	2-10021/0389	07/31/76	70	7752	4436N	09204W	52.6	124.7	GGGG			28	29
2556-16075	00000/0000	2-10021/0390	07/31/76	60	7752	4311N	09237W	53.1	122.7	GGGG			28	30
2556-16081	00000/0000	2-10021/0391	07/31/76	10	7752	4145N	09308W	53.6	120.5	GGGG			28	31
2556-16084	00000/0000	2-10021/0392	07/31/76	20	7752	4019N	09338W	54.0	118.4	GGGG			28	32
2556-16090	00000/0000	2-10021/0393	07/31/76	50	7752	3854N	09407W	54.4	116.2	GGGG			28	33
2556-16093	00000/0000	2-10021/0394	07/31/76	30	7752	3729N	09434W	54.7	114.0	GGGG			28	34
2556-16095	00000/0000	2-10021/0395	07/31/76	10	7752	3604N	09502W	55.0	111.7	GGGG			28	35
2556-16102	00000/0000	2-10021/0396	07/31/76	0	7752	3439N	09529W	55.3	109.5	GGGG			28	36
2556-16104	00000/0000	2-10021/0397	07/31/76	10	7752	3312N	09555W	55.5	107.2	GGGG			28	37
2556-16111	00000/0000	2-10021/0398	07/31/76	10	7752	3146N	09620W	55.6	104.9	GGGG			28	38
2556-16113	00000/0000	2-10021/0412	07/31/76	20	7752	3020N	09645W	55.7	102.6	GGGG			28	39
2556-16120	00000/0000	2-10021/0413	07/31/76	30	7752	2854N	09709W	55.7	100.3	GGGG			28	40
2556-16122	00000/0000	2-10021/0414	07/31/76	20	7752	2728N	09733W	55.7	98.0	GGGG			28	41
2556-16125	00000/0000	2-10021/0415	07/31/76	10	7752	2602N	09755W	55.6	95.8	GGGG			28	42
2556-17493	00000/0000	2-10021/0416	07/31/76	20	7753	4851N	11608W	50.7	130.8	GGGG			46	26
2556-17495	00000/0000	2-10021/0417	07/31/76	10	7753	4726N	11645W	51.4	128.8	GGGG			46	27
2556-17502	00000/0000	2-10021/0418	07/31/76	10	7753	4601N	11720W	52.0	126.8	GGGG			46	28
2556-17504	00000/0000	2-10021/0419	07/31/76	10	7753	4437N	11754W	52.5	124.8	GGGG			46	29
2556-17511	00000/0000	2-10021/0420	07/31/76	70	7753	4312N	11826W	53.1	122.7	GGGG			46	30
2556-17513	00000/0000	2-10021/0421	07/31/76	90	7753	4147N	11857W	53.6	120.5	GGGG			46	31
2556-17520	00000/0000	2-10021/0422	07/31/76	50	7753	4021N	11927W	54.0	118.4	GGGG			46	32
2556-21092	00000/0000	2-10021/0425	07/31/76	30	7755	7043N	14947W	36.7	163.5	GGGG			82	10
2556-21094	00000/0000	2-10021/0426	07/31/76	10	7755	6926N	15149W	37.7	160.9	GGFF			82	11
2556-21101	00000/0000	2-10021/0427	07/31/76	10	7755	6807N	15339W	38.7	158.5	GGGG			82	12
2556-21103	00000/0000	2-10021/0428	07/31/76	10	7755	6647N	15518W	39.7	156.2	FFF			82	13
2556-21110	00000/0000	2-10021/0429	07/31/76	30	7755	6528N	15647W	40.7	154.0	FFFF			82	14
2556-21112	00000/0000	2-10021/0430	07/31/76	30	7755	6407N	15807W	41.7	152.0	FFFF			82	15
2556-21115	00000/0000	2-10021/0431	07/31/76	70	7755	6245N	15921W	42.6	150.0	FFFF			82	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 023R

OBSERVATION ID	MICROFILM POSITION RB	RAIL NO./ IN RAIL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME ROW NUMBER
2556-21121	00000/0000	2-10021/0432	07/31/76	60	7755	6123N	16027W	43.5	148.0	GGGG			82	17
2556-21124	00000/0000	2-10021/0433	07/31/76	70	7755	6000N	16129W	44.4	146.1	GGGG			82	18
2556-21130	00000/0000	2-10021/0434	07/31/76	80	7755	5838N	16227W	45.3	144.2	GGGG			82	19
2556-21133	00000/0000	2-10021/0435	07/31/76	90	7755	5715N	16320W	46.2	142.3	GGGG			82	20
2556-21135	00000/0000	2-10021/0436	07/31/76	70	7755	5552N	16411W	47.0	140.4	GGGG			82	21
2556-21142	00000/0000	2-10021/0437	07/31/76	50	7755	5428N	16459W	47.8	138.5	GGGG			82	22
2556-21144	00000/0000	2-10021/0438	07/31/76	40	7755	5303N	16543W	48.6	136.6	GGFG			82	23
2557-14290	00000/0000	2-10021/0399	08/01/76	90	7765	4725N	06631W	51.2	129.0	GGGG			11	27
2557-16115	00000/0000	2-10021/0400	08/01/76	20	7766	4849N	09147W	50.5	131.0	GGGG			29	26
2557-16122	00000/0000	2-10021/0401	08/01/76	10	7766	4724N	09223W	51.2	129.0	GGGG			29	27
2557-16124	00000/0000	2-10021/0402	08/01/76	10	7766	4659N	09258W	51.8	127.0	GGGG			29	28
2557-16131	00000/0000	2-10021/0403	08/01/76	10	7766	4434N	09331W	52.4	125.0	GGGG			29	29
2557-16133	00000/0000	2-10021/0404	08/01/76	20	7766	4309N	09403W	52.9	122.9	GGGG			29	30
2557-16140	00000/0000	2-10021/0405	08/01/76	50	7766	4144N	09434W	53.4	120.8	GGGG			29	31
2557-16142	00000/0000	2-10021/0406	08/01/76	60	7766	4018N	09505W	53.8	118.6	GGGG			29	32
2557-16145	00000/0000	2-10021/0407	08/01/76	50	7766	3853N	09533W	54.2	116.5	GGGG			29	33
2557-16151	00000/0000	2-10021/0408	08/01/76	60	7766	3727N	09602W	54.6	114.3	GGGG			29	34
2557-16154	00000/0000	2-10021/0409	08/01/76	10	7766	3602N	09629W	54.9	112.0	GGGG			29	35
2557-16160	00000/0000	2-10021/0410	08/01/76	10	7766	3436N	09656W	55.1	109.8	GGGG			29	36
2557-16163	00000/0000	2-10021/0411	08/01/76	0	7766	3310N	09722W	55.3	107.5	GGGG			29	37
2557-16165	00000/0000	2-10021/0439	08/01/76	10	7766	3145N	09747W	55.5	105.2	GGGG			29	38
2557-16172	00000/0000	2-10021/0440	08/01/76	10	7766	3019N	09812W	55.6	103.0	GGGG			29	39
2557-16174	00000/0000	2-10021/0441	08/01/76	20	7766	2842N	09835W	55.6	100.7	GGGG			29	40
2557-16181	00000/0000	2-10021/0442	08/01/76	0	7766	2725N	09858W	55.6	98.4	GGGG			29	41
2557-16183	00000/0000	2-10021/0443	08/01/76	10	7766	2559N	09921W	55.5	96.2	GGGG			29	42
2557-17551	00000/0000	2-10021/0423	08/01/76	60	7767	4850N	11736W	50.5	131.0	GGGG			47	26
2557-17553	00000/0000	2-10021/0424	08/01/76	90	7767	4726N	11812W	51.2	129.0	GGGG			47	27
2557-21150	00000/0000	2-10021/0484	08/01/76	0	7769	7045N	15109W	36.4	163.6	GGGG			83	10
2557-21152	00000/0000	2-10021/0485	08/01/76	0	7769	6928N	15311W	37.4	161.0	FGGG			83	11
2557-21155	00000/0000	2-10021/0486	08/01/76	0	7769	6809N	15500W	38.5	158.6	GGGG			83	12
2557-21161	00000/0000	2-10021/0487	08/01/76	0	7769	6650N	15639W	39.4	156.3	GGFG			83	13
2557-21164	00000/0000	2-10021/0488	08/01/76	10	7769	6530N	15807W	40.4	154.2	GGFG			83	14
2557-21170	00000/0000	2-10021/0489	08/01/76	20	7769	6409N	15928W	41.4	152.1	GGGG			83	15
2557-21173	00000/0000	2-10021/0490	08/01/76	40	7769	6247N	16041W	42.3	150.1	GGGG			83	16
2557-21175	00000/0000	2-10021/0491	08/01/76	80	7769	6125N	16149W	43.3	148.2	GGGG			83	17
2557-21182	00000/0000	2-10021/0492	08/01/76	70	7769	6003N	16251W	44.2	146.2	GGGG			83	18

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS=BAD, NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0239

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CL CLOUD	COVER COVER	SRBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SRBIT PATH NUMBER	FRAME ROW NUMBER
2557-21184	30000/0000 2-10021/0493	08/01/76	90	7769	5840N	16350W	45.0	144.4		GGGG			83	19
2557-21191	30000/0000 2-10021/0494	08/01/76	90	7769	5717N	16444W	45.9	142.5		GGGG			83	20
2557-21193	30000/0000 2-10021/0495	08/01/76	90	7769	5553N	16535W	46.7	140.6		GGGF			83	21
2557-21200	30000/0000 2-10021/0496	08/01/76	90	7769	5429N	16622W	47.5	138.8		GGGG			83	22
2557-21202	30000/0000 2-10021/0497	08/01/76	90	7769	5305N	16707W	48.3	136.9		GGGF			83	23
2558-14344	30000/0000 2-10021/0458	08/02/76	20	7779	4727N	06757W	51.0	129.3		GGGG			12	27
2558-14351	30000/0000 2-10021/0459	08/02/76	20	7779	4602N	06832W	51.6	127.3		GGGG			12	28
2558-14353	30000/0000 2-10021/0460	08/02/76	10	7779	4437N	06906W	52.2	125.3		GGGG			12	29
2558-14360	30000/0000 2-10021/0461	08/02/76	20	7779	4312N	06939W	52.7	123.2		GGGG			12	30
2558-14362	30000/0000 2-10021/0462	08/02/76	50	7779	4146N	07010W	53.2	121.1		GGGG			12	31
2558-14365	30000/0000 2-10021/0463	08/02/76	60	7779	4020N	07041W	53.7	119.0		GGGG			12	32
2558-14371	30000/0000 2-10021/0464	08/02/76	30	7779	3855N	07110W	54.1	116.8		GGGG			12	33
2558-14374	30000/0000 2-10021/0465	08/02/76	40	7779	3730N	07137W	54.4	114.6		GGGG			12	34
2558-14380	30000/0000 2-10021/0466	08/02/76	70	7779	3613N	07204W	54.7	112.4		GGGG			12	35
2558-16173	30000/0000 2-10021/0467	08/02/76	10	7780	4851N	09312W	50.3	131.3		GGGG			30	26
2558-16180	30000/0000 2-10021/0468	08/02/76	10	7780	4726N	09348W	51.0	129.3		GGGG			30	27
2558-16182	30000/0000 2-10021/0469	08/02/76	10	7780	4601N	09422W	51.6	127.3		GGFG			30	28
2558-16185	30000/0000 2-10021/0470	08/02/76	10	7780	4436N	09456W	52.2	125.3		GGGG			30	29
2558-16191	30000/0000 2-10021/0471	08/02/76	10	7780	4311N	09529W	52.7	123.2		GGGG			30	30
2558-16194	30000/0000 2-10021/0472	08/02/76	10	7780	4145N	09600W	53.2	121.1		GGGG			30	31
2558-16200	30000/0000 2-10021/0473	08/02/76	20	7780	4021N	09630W	53.7	119.0		FGFF			30	32
2558-16203	30000/0000 2-10021/0474	08/02/76	40	7780	3856N	09659W	54.1	116.8		GGGG			30	33
2558-16205	30000/0000 2-10021/0475	08/02/76	60	7780	3730N	09727W	54.4	114.7		GGGG			30	34
2558-16212	30000/0000 2-10021/0476	08/02/76	80	7780	3604N	09754W	54.7	112.4		GGGG			30	35
2558-16214	30000/0000 2-10021/0477	08/02/76	70	7780	3437N	09821W	55.0	110.2		GGGG			30	36
2558-16221	30000/0000 2-10021/0478	08/02/76	30	7780	3312N	09847W	55.2	108.0		GGGG			30	37
2558-16223	30000/0000 2-10021/0479	08/02/76	10	7780	3147N	09912W	55.4	105.7		GGGG			30	38
2558-16230	30000/0000 2-10021/0480	08/02/76	10	7780	3020N	09937W	55.5	103.4		GGGG			30	39
2558-16232	30000/0000 2-10021/0481	08/02/76	0	7780	2853N	10001W	55.5	101.2		GGGG			30	40
2558-16235	30000/0000 2-10021/0482	08/02/76	30	7780	2727N	10024W	55.5	98.9		GGGG			30	41
2558-16241	30000/0000 2-10021/0483	08/02/76	10	7780	2602N	10047W	55.4	96.6		GGGG			30	42
2558-18005	30000/0000 2-10021/0555	08/02/76	90	7781	4850N	11902W	50.3	131.3		GGGG			48	26
2558-18012	30000/0000 2-10021/0556	08/02/76	70	7781	4726N	11938W	51.0	129.3		GGGG			48	27
2558-21204	30000/0000 2-10021/0498	08/02/76	10	7783	7044N	15237W	36.2	163.6		GGGG			84	10
2558-21211	30000/0000 2-10021/0499	08/02/76	10	7783	6926N	15439W	37.2	161.0		FGGG			84	11
2558-21213	30000/0000 2-10021/0500	08/02/76	40	7783	6808N	15629W	38.2	158.6		GGGG			84	12

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0240

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2558-21220	00000/0000 2-10021/0501	08/02/76	50	7783	6648N	15808W	39.2	156.4	GGGG			84	13
2558-21222	00000/0000 2-10021/0502	08/02/76	50	7783	6528N	15937W	40.2	154.2	GGGG			84	14
2558-21225	00000/0000 2-10021/0503	08/02/76	50	7783	6407N	16058W	41.2	152.2	GGGG			84	15
2558-21231	00000/0000 2-10021/0504	08/02/76	90	7783	6246N	16211W	42.1	150.2	GGGG			84	16
2558-21234	00000/0000 2-10021/0505	08/02/76	90	7783	6124N	16318W	43.0	148.2	GGGG			84	17
2558-21240	00000/0000 2-10021/0506	08/02/76	90	7783	6001N	16420W	43.9	146.3	GGGG			84	18
2558-21243	00000/0000 2-10021/0507	08/02/76	90	7783	5838N	16518W	44.8	144.5	GGGG			84	19
2558-21245	00000/0000 2-10021/0508	08/02/76	100	7783	5714N	16612W	45.7	142.6	GGGG			84	20
2558-21252	00000/0000 2-10021/0509	08/02/76	100	7783	5552N	16702W	46.5	140.7	GGGG			84	21
2558-21254	00000/0000 2-10021/0510	08/02/76	90	7783	5429N	16750W	47.3	138.9	GGGG			84	22
2558-21261	00000/0000 2-10021/0511	08/02/76	90	7783	5305N	16835W	48.1	137.0	GGGG			84	23
2558-21263	00000/0000 2-10021/0512	08/02/76	90	7783	5140N	16918W	48.9	135.1	GGGG			84	24
2559-14403	00000/0000 2-10021/0513	08/03/76	10	7793	4725N	06927W	50.8	129.5	GGGG			13	27
2559-14405	00000/0000 2-10021/0514	08/03/76	10	7793	4601N	07001W	51.4	127.5	GGGG			13	28
2559-14412	00000/0000 2-10021/0515	08/03/76	10	7793	4423N	07035W	52.0	125.5	GGGG			13	29
2559-14414	00000/0000 2-10021/0516	08/03/76	10	7793	4311N	07107W	52.5	123.5	GGGG			13	30
2559-14421	00000/0000 2-10021/0517	08/03/76	10	7793	4146N	07139W	53.0	121.4	GGGG			13	31
2559-14423	00000/0000 2-10021/0518	08/03/76	50	7793	4019N	07209W	53.5	119.3	GGGG			13	32
2559-14430	00000/0000 2-10021/0519	08/03/76	90	7793	3853N	07237W	53.9	117.1	GGFG			13	33
2559-14432	00000/0000 2-10021/0520	08/03/76	100	7793	3727N	07305W	54.3	114.9	GGGG			13	34
2559-14435	00000/0000 2-10021/0521	08/03/76	100	7793	3601N	07332W	54.6	112.7	GGGG			13	35
2559-14441	00000/0000 2-10021/0522	08/03/76	100	7793	3436N	07358W	54.9	110.5	GGGG			13	36
2559-14444	00000/0000 2-10021/0523	08/03/76	90	7793	3310N	07424W	55.1	108.3	GGGG			13	37
2559-14450	00000/0000 2-10021/0524	08/03/76	80	7793	3144N	07449W	55.2	106.0	GGGG			13	38
2559-21262	00000/0000 2-10021/0539	08/03/76	90	7797	7045N	15358W	35.9	163.7	GGGG			85	10
2559-21265	00000/0000 2-10021/0540	08/03/76	60	7797	6928N	15601W	36.9	161.2	GGGG			85	11
2559-21271	00000/0000 2-10021/0541	08/03/76	70	7797	6810N	15751W	37.9	158.7	GGGG			85	12
2559-21274	00000/0000 2-10021/0542	08/03/76	80	7797	6650N	15930W	38.9	156.5	GGGG			85	13
2559-21280	00000/0000 2-10021/0543	08/03/76	50	7797	6530N	16059W	39.9	154.3	GGGG			85	14
2559-21283	00000/0000 2-10021/0544	08/03/76	90	7797	6409N	16220W	40.9	152.3	GGGG			85	15
2559-21292	00000/0000 2-10021/0545	08/03/76	90	7797	6126N	16440W	42.8	148.4	GGGG			85	17
2559-21294	00000/0000 2-10021/0546	08/03/76	90	7797	6003N	16543W	43.7	146.5	GGGG			85	18
2559-21301	00000/0000 2-10021/0547	08/03/76	90	7797	5841N	16642W	44.5	144.6	GGGG			85	19
2559-21303	00000/0000 2-10021/0548	08/03/76	90	7797	5718N	16736W	45.4	142.8	GGGG			85	20
2559-21310	00000/0000 2-10021/0549	08/03/76	90	7797	5554N	16827W	46.3	140.9	GGGG			85	21
2559-21312	00000/0000 2-10021/0550	08/03/76	40	7797	5429N	16916W	47.1	139.1	GGGG			85	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0241

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2559-21315	00000/0000	2-10021/0551	08/03/76	70	7797	5305N	17001W	47.9	137.2	GGGG			85	23
2559-21321	00000/0000	2-10021/0552	08/03/76	90	7797	5141N	17043W	48.6	135.4	GGGG			85	24
2560-14461	00000/0000	2-10021/0525	08/04/76	10	7807	4726N	07050W	50.5	129.8	GGGG			14	27
2560-14463	00000/0000	2-10021/0526	08/04/76	10	7807	4601N	07125W	51.2	127.8	GGGG			14	28
2560-14470	00000/0000	2-10021/0527	08/04/76	20	7807	4436N	07159W	51.8	125.8	GGGG			14	29
2560-14472	00000/0000	2-10021/0528	08/04/76	50	7807	4311N	07231W	52.3	123.8	GGGG			14	30
2560-14475	00000/0000	2-10021/0529	08/04/76	40	7807	4146N	07302W	52.8	121.7	GGGG			14	31
2560-14481	00000/0000	2-10021/0530	08/04/76	10	7807	4021N	07332W	53.3	119.6	GGGG			14	32
2560-14484	00000/0000	2-10021/0531	08/04/76	10	7807	3854N	07401W	53.7	117.5	GGGG			14	33
2560-14490	00000/0000	2-10021/0532	08/04/76	30	7807	3729N	07429W	54.1	115.4	GGGG			14	34
2560-14493	00000/0000	2-10021/0533	08/04/76	60	7807	3604N	07456W	54.4	113.2	GGGG			14	35
2560-14495	00000/0000	2-10021/0534	08/04/76	80	7807	3438N	07523W	54.7	111.0	GGGG			14	36
2560-14502	00000/0000	2-10021/0535	08/04/76	100	7807	3312N	07549W	54.9	108.7	GGGG			14	37
2560-14504	00000/0000	2-10021/0536	08/04/76	100	7807	3146N	07614W	55.1	106.5	GGGG			14	38
2560-14511	00000/0000	2-10021/0537	08/04/76	90	7807	3020N	07638W	55.2	104.2	GGGG			14	39
2560-14513	00000/0000	2-10021/0538	08/04/76	70	7807	2854N	07702W	55.3	102.0	GGGG			14	40
2560-16290	00000/0000	2-10021/0539	08/04/76	80	7808	4852N	09604W	49.9	131.7	GGFG			32	26
2560-16292	00000/0000	2-10021/0591	08/04/76	40	7808	4727N	09641W	50.5	129.8	GGGG			32	27
2560-16295	00000/0000	2-10021/0592	08/04/76	10	7808	4601N	09716W	51.2	127.8	GGGG			32	28
2560-16301	00000/0000	2-10021/0593	08/04/76	10	7808	4436N	09749W	51.8	125.9	GGGG			32	29
2560-16304	00000/0000	2-10021/0594	08/04/76	10	7808	4310N	09822W	52.3	123.8	GGGG			32	30
2560-16310	00000/0000	2-10021/0595	08/04/76	20	7808	4145N	09853W	52.8	121.8	GGGG			32	31
2560-16313	00000/0000	2-10021/0596	08/04/76	10	7808	4020N	09922W	53.3	119.7	GGFG			32	32
2560-16315	00000/0000	2-10021/0597	08/04/76	10	7808	3854N	09951W	53.7	117.5	GGGG			32	33
2560-16322	00000/0000	2-10021/0598	08/04/76	0	7808	3729N	10019W	54.1	115.4	GGGG			32	34
2560-16324	00000/0000	2-10021/0599	08/04/76	10	7808	3603N	10047W	54.4	113.2	GGGG			32	35
2560-16331	00000/0000	2-10021/0600	08/04/76	20	7808	3437N	10113W	54.7	111.0	GGGG			32	36
2560-16333	00000/0000	2-10021/0601	08/04/76	10	7808	3312N	10139W	54.9	108.8	GGGG			32	37
2560-16340	00000/0000	2-10021/0602	08/04/76	10	7808	3147N	10204W	55.1	106.5	GGGG			32	38
2560-16342	00000/0000	2-10021/0603	08/04/76	0	7808	3021N	10228W	55.2	104.3	GGGG			32	39
2560-16345	00000/0000	2-10021/0604	08/04/76	10	7808	2855N	10252W	55.3	102.0	GGGG			32	40
2560-16351	00000/0000	2-10021/0605	08/04/76	10	7808	2729N	10315W	55.3	99.8	GGGG			32	41
2560-18122	00000/0000	2-10021/0553	08/04/76	90	7809	4851N	12153W	49.9	131.8	GGGG			50	26
2560-18124	00000/0000	2-10021/0554	08/04/76	90	7809	4726N	12230W	50.5	129.8	GGGG			50	27
2560-21314	00000/0000	2-10021/0557	08/04/76	90	7811	7201N	15313W	34.6	166.6	GGGG			86	9
2560-21321	00000/0000	2-10021/0558	08/04/76	90	7811	7045N	15531W	35.6	163.7	GGGG			86	10

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0242

OBSERVATION ID	MICROFILM POSITION IN RBV	ROLL NR./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2560-21323	00000/0000	2-10021/0559	08/04/76	80	7811	6928N	15733W	36.7	161.2	GGGG			86	11
2560-21330	00000/0000	2-10021/0560	08/04/76	40	7811	6809N	15922W	37.7	158.8	FGGG			86	12
2560-21332	00000/0000	2-10021/0561	08/04/76	80	7811	6649N	16100W	38.7	156.5	GGGG			86	13
2560-21335	00000/0000	2-10021/0562	08/04/76	70	7811	6529N	16229W	39.7	154.4	FGGG			86	14
2560-21341	00000/0000	2-10021/0563	08/04/76	80	7811	6407N	16350W	40.6	152.4	FGGG			86	15
2560-21344	00000/0000	2-10021/0564	08/04/76	60	7811	6246N	16503W	41.6	150.4	FFF			86	16
2560-21350	00000/0000	2-10021/0565	08/04/76	60	7811	6125N	16610W	42.5	148.5	G G			86	17
2560-21353	00000/0000	2-10021/0566	08/04/76	90	7811	6002N	16713W	43.4	146.6	GGGG			86	18
2560-21355	00000/0000	2-10021/0567	08/04/76	90	7811	5838N	16812W	44.3	144.7	GGGG			86	19
2560-21362	00000/0000	2-10021/0568	08/04/76	80	7811	5715N	16907W	45.2	142.9	GGGF			86	20
2560-21364	00000/0000	2-10021/0569	08/04/76	80	7811	5551N	16957W	46.0	141.1	GGGG			86	21
2560-21371	00000/0000	2-10021/0570	08/04/76	70	7811	5428N	17044W	46.8	139.2	GGGG			86	22
2560-21373	00000/0000	2-10021/0571	08/04/76	70	7811	5304N	17129W	47.6	137.4	GFGG			86	23
2560-21380	00000/0000	2-10021/0572	08/04/76	90	7811	5139N	17212W	48.4	135.5	GFGG			86	24
2561-14515	00000/0000	2-10021/0570	08/05/76	90	7821	4725N	07218W	50.3	130.0	GGGG			15	27
2561-14522	00000/0000	2-10021/0571	08/05/76	90	7821	4600N	07252W	51.0	128.1	GGGG			15	28
2561-14524	00000/0000	2-10021/0572	08/05/76	50	7821	4434N	07326W	51.6	126.1	GGGG			15	29
2561-14531	00000/0000	2-10021/0573	08/05/76	30	7821	4309N	07358W	52.1	124.1	GGFG			15	30
2561-14533	00000/0000	2-10021/0574	08/05/76	30	7821	4144N	07430W	52.7	122.0	GGGG			15	31
2561-14540	00000/0000	2-10021/0575	08/05/76	30	7821	4018N	07500W	53.1	119.9	GGGG			15	32
2561-14542	00000/0000	2-10021/0576	08/05/76	20	7821	3853N	07528W	53.6	117.8	GGGG			15	33
2561-14545	00000/0000	2-10021/0577	08/05/76	20	7821	3727N	07556W	53.9	115.7	GGGG			15	34
2561-14551	00000/0000	2-10021/0578	08/05/76	10	7821	3601N	07623W	54.3	113.5	GGGG			15	35
2561-14554	00000/0000	2-10021/0579	08/05/76	20	7821	3436N	07650W	54.6	111.3	GGGG			15	36
2561-14560	00000/0000	2-10021/0580	08/05/76	20	7821	3310N	07716W	54.8	109.1	GGGG			15	37
2561-14563	00000/0000	2-10021/0581	08/05/76	30	7821	3144N	07740W	55.0	106.8	GGGG			15	38
2561-14565	00000/0000	2-10021/0582	08/05/76	30	7821	3018N	07804W	55.1	104.6	GGGG			15	39
2561-14572	00000/0000	2-10021/0583	08/05/76	40	7821	2853N	07828W	55.2	102.4	GGGG			15	40
2561-14574	00000/0000	2-10021/0584	08/05/76	30	7821	2727N	07852W	55.2	100.1	GGGG			15	41
2561-14581	00000/0000	2-10021/0585	08/05/76	30	7821	2600N	07915W	55.2	97.9	GGGG			15	42
2561-14583	00000/0000	2-10021/0586	08/05/76	40	7821	2433N	07938W	55.1	95.7	GGGG			15	43
2561-16344	00000/0000	2-10021/0573	08/05/76	10	7822	4849N	09730W	49.7	131.9	GGGG			33	26
2561-16351	00000/0000	2-10021/0574	08/05/76	60	7822	4724N	09807W	50.3	130.0	GGGG			33	27
2561-16353	00000/0000	2-10021/0575	08/05/76	60	7822	4559N	09842W	51.0	128.1	GGGG			33	28
2561-16360	00000/0000	2-10021/0576	08/05/76	70	7822	4434N	09915W	51.6	126.1	GGGG			33	29
2561-16362	00000/0000	2-10021/0577	08/05/76	90	7822	4309N	09948W	52.1	124.1	FGGG			33	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0243

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2561-16365	00000/0000 2-10021/0578	08/05/76	67	7822	4143N	10019W	52.6	122.0	GGGG		33	31
2561-16371	00000/0000 2-10021/0579	08/05/76	10	7822	4018N	10049W	53.1	120.0	GGGG		33	32
2561-16374	00000/0000 2-10021/0580	08/05/76	10	7822	3853N	10118W	53.5	117.8	GGGG		33	33
2561-16380	00000/0000 2-10021/0581	08/05/76	10	7822	3727N	10147W	53.9	115.7	GGGG		33	34
2561-16383	00000/0000 2-10021/0582	08/05/76	10	7822	3602N	10214W	54.3	113.5	GGGG		33	35
2561-16385	00000/0000 2-10021/0583	08/05/76	0	7822	3437N	10241W	54.6	111.3	GGGG		33	36
2561-16392	00000/0000 2-10021/0584	08/05/76	10	7822	3311N	10306W	54.8	109.1	GGGG		33	37
2561-16394	00000/0000 2-10021/0585	08/05/76	10	7822	3144N	10331W	55.0	106.9	GGGG		33	38
2561-16401	00000/0000 2-10021/0586	08/05/76	10	7822	3018N	10355W	55.1	104.6	GGGG		33	39
2561-16403	00000/0000 2-10021/0587	08/05/76	10	7822	2852N	10418W	55.2	102.4	GGGG		33	40
2561-18180	00000/0000 2-10021/0588	08/05/76	80	7823	4853N	12318W	49.6	132.0	GGGG		51	26
2561-18182	00000/0000 2-10021/0589	08/05/76	97	7823	4728N	12354W	50.3	130.1	GGGG		51	27
2561-21372	00000/0000 2-10021/0606	08/05/76	100	7825	7201N	15434W	34.3	166.7	GGGG		87	9
2561-21375	00000/0000 2-10021/0607	08/05/76	100	7825	7046N	15652W	35.4	163.9	GGGG		87	10
2561-21381	00000/0000 2-10021/0608	08/05/76	60	7825	6928N	15854W	36.4	161.3	GGGG		87	11
2561-21384	00000/0000 2-10021/0609	08/05/76	40	7825	6810N	16045W	37.4	158.9	GGGG		87	12
2561-21390	00000/0000 2-10021/0610	08/05/76	60	7825	6651N	16224W	38.4	156.6	GGGG		87	13
2561-21393	00000/0000 2-10021/0611	08/05/76	50	7825	6530N	16354W	39.4	154.5	GGGG		87	14
2561-21395	00000/0000 2-10021/0612	08/05/76	20	7825	6409N	16515W	40.4	152.5	GGGG		87	15
2561-21404	00000/0000 2-10021/0613	08/05/76	10	7825	6126N	16737W	42.2	148.6	GGGG		87	17
2561-21411	00000/0000 2-10021/0614	08/05/76	20	7825	6004N	16840W	43.2	146.8	GGGG		87	18
2561-21420	00000/0000 2-10021/0615	08/05/76	100	7825	5717N	17031W	44.9	143.1	GGGG		87	20
2561-21422	00000/0000 2-10021/0616	08/05/76	90	7825	5554N	17120W	45.8	141.3	GGGG		87	21
2561-21425	00000/0000 2-10021/0617	08/05/76	90	7825	5430N	17208W	46.6	139.5	GGGG		87	22
2561-21431	00000/0000 2-10021/0618	08/05/76	100	7825	5305N	17253W	47.4	137.6	GGGG		87	23
2561-21434	00000/0000 2-10021/0619	08/05/76	100	7825	5141N	17336W	48.1	135.8	GGGG		87	24
2562-14573	00000/0000 2-10021/0668	08/06/76	30	7835	4726N	07343W	50.1	130.3	GGGG		16	27
2562-14580	00000/0000 2-10021/0669	08/06/76	20	7835	4601N	07419W	50.8	128.4	GGGG		16	28
2562-14582	00000/0000 2-10021/0670	08/06/76	70	7835	4436N	07452W	51.4	126.4	GGGG		16	29
2562-14585	00000/0000 2-10021/0671	08/06/76	90	7835	4310N	07524W	51.9	124.4	GGGG		16	30
2562-14591	00000/0000 2-10021/0672	08/06/76	100	7835	4145N	07555W	52.4	122.4	GGGG		16	31
2562-14594	00000/0000 2-10021/0673	08/06/76	60	7835	4019N	07624W	52.9	120.3	GGGG		16	32
2562-16402	00000/0000 2-10021/0674	08/06/76	0	7836	4851N	09856W	49.4	132.2	GGGG		34	26
2562-16405	00000/0000 2-10021/0675	08/06/76	0	7836	4726N	09932W	50.1	130.3	GGGG		34	27
2562-16411	00000/0000 2-10021/0676	08/06/76	0	7836	4601N	10007W	50.7	128.4	GGGG		34	28
2562-16414	00000/0000 2-10021/0677	08/06/76	10	7836	4436N	10041W	51.3	126.4	GGGG		34	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0244

OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RRV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2562-16420	00000/0000 2-10021/0679	08/06/76	10	7836	4311N	10113W	51.9	124.4	GGGG			34	30
2562-16423	00000/0000 2-10021/0680	08/06/76	10	7836	4145N	10144W	52.4	122.4	GGGG			34	31
2562-16425	00000/0000 2-10021/0681	08/06/76	20	7836	4020N	10214W	52.9	120.3	GGGG			34	32
2562-16432	00000/0000 2-10021/0682	08/06/76	10	7836	3854N	10243W	53.4	118.2	GGGG			34	33
2562-16434	00000/0000 2-10021/0683	08/06/76	10	7836	3729N	10311W	53.8	116.1	GGGG			34	34
2562-16441	00000/0000 2-10021/0684	08/06/76	10	7836	3603N	10339W	54.1	113.9	GGGG			34	35
2562-16443	00000/0000 2-10021/0685	08/06/76	0	7836	3438N	10405W	54.4	111.8	GGGG			34	36
2562-16450	00000/0000 2-10021/0686	08/06/76	0	7836	3312N	10431W	54.7	109.6	GGGG			34	37
2562-16452	00000/0000 2-10021/0687	08/06/76	10	7836	3145N	10456W	54.8	107.3	GGGG			34	38
2562-16455	00000/0000 2-10021/0688	08/06/76	10	7836	3019N	10521W	55.0	105.1	GGGG			34	39
2562-16461	00000/0000 2-10021/0689	08/06/76	10	7836	2852N	10545W	55.1	102.9	GGGG			34	40
2562-18234	00000/0000 2-10021/0678	08/06/76	60	7837	4851N	12444W	49.4	132.2	GGGG			52	26
2562-21431	00000/0000 2-10021/0690	08/06/76	50	7839	7201N	15603W	34.1	166.6	GGGG			88	9
2562-21433	00000/0000 2-10021/0691	08/06/76	30	7839	6944N	15824W	35.1	163.9	GGGG			88	10
2562-21440	00000/0000 2-10021/0692	08/06/76	70	7839	6927N	16027W	36.1	161.3	GGGG			88	11
2562-21442	00000/0000 2-10021/0693	08/06/76	30	7839	6809N	16216W	37.1	158.9	GGGG			88	12
2562-21445	00000/0000 2-10021/0694	08/06/76	10	7839	6649N	16354W	38.1	156.7	GGGG			88	13
2562-21451	00000/0000 2-10021/0695	08/06/76	20	7839	6528N	16522W	39.1	154.6	GGGG			88	14
2562-21454	00000/0000 2-10021/0696	08/06/76	60	7839	6407N	16643W	40.1	152.5	GGGG			88	15
2562-21460	00000/0000 2-10021/0697	08/06/76	80	7839	6245N	16756W	41.1	150.6	GGGG			88	16
2562-21463	00000/0000 2-10021/0698	08/06/76	100	7839	6123N	16904W	42.0	148.7	GGGG			88	17
2562-21465	00000/0000 2-10021/0699	08/06/76	80	7839	6001N	17007W	42.9	146.8	GGGG			88	18
2562-21472	00000/0000 2-10021/0700	08/06/76	90	7839	5878N	17104W	43.8	145.0	GGGG			88	19
2562-21474	00000/0000 2-10021/0701	08/06/76	90	7839	5715N	17158W	44.7	143.2	GGGG			88	20
2562-21481	00000/0000 2-10021/0702	08/06/76	90	7839	5551N	17248W	45.5	141.4	GGGG			88	21
2562-21483	00000/0000 2-10021/0703	08/06/76	100	7839	5427N	17335W	46.4	139.6	GGGG			88	22
2562-21490	00000/0000 2-10021/0704	08/06/76	90	7839	5304N	17419W	47.2	137.8	GGGG			88	23
2562-21492	00000/0000 2-10021/0705	08/06/76	90	7839	5140N	17502W	47.9	136.0	GGGG			88	24
2563-15032	00000/0000 2-10021/0651	08/07/76	10	7849	4727N	07510W	49.9	130.6	F			17	27
2563-15034	00000/0000 2-10021/0652	08/07/76	20	7849	4602N	07545W	50.5	128.7	GGGG			17	28
2563-15041	00000/0000 2-10021/0653	08/07/76	50	7849	4437N	07618W	51.1	126.7	GGGG			17	29
2563-15043	00000/0000 2-10021/0654	08/07/76	90	7849	4312N	07650W	51.7	124.7	GGGG			17	30
2563-15050	00000/0000 2-10021/0655	08/07/76	100	7849	4146N	07721W	52.2	122.7	GGGG			17	31
2563-15052	00000/0000 2-10021/0656	08/07/76	100	7849	4021N	07751W	52.7	120.7	GGGG			17	32
2563-15055	00000/0000 2-10021/0657	08/07/76	90	7849	3855N	07819W	53.2	118.6	GGGG			17	33
2563-15061	00000/0000 2-10021/0658	08/07/76	90	7849	3729N	07848W	53.6	116.5	GGGG			17	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0245

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2563-15064	00000/0000	2-10021/0659	08/07/76	90	7849	3604N	07915W	53.9	114.3	GGGG			17	35
2563-15070	00000/0000	2-10021/0660	08/07/76	60	7849	3438N	07942W	54.3	112.2	GGGG			17	36
2563-15073	00000/0000	2-10021/0661	08/07/76	40	7849	3312N	08007W	54.5	110.0	GGGG			17	37
2563-15075	00000/0000	2-10021/0662	08/07/76	30	7849	3147N	08033W	54.7	107.8	GGGG			17	38
2563-15082	00000/0000	2-10021/0663	08/07/76	10	7849	3021N	08057W	54.9	105.6	GGGG			17	39
2563-15084	00000/0000	2-10021/0664	08/07/76	20	7849	2855N	08122W	55.0	103.3	GGGG			17	40
2563-15091	00000/0000	2-10021/0665	08/07/76	40	7849	2728N	08146W	55.0	101.1	GGGG			17	41
2563-15093	00000/0000	2-10021/0666	08/07/76	30	7849	2602N	08209W	55.0	98.9	GGGG			17	42
2563-15100	00000/0000	2-10021/0667	08/07/76	30	7849	2435N	08232W	55.0	96.7	GGGG			17	43
2563-16461	00000/0000	2-10021/0637	08/07/76	10	7850	4852N	10021W	49.2	132.5	GGGG			35	26
2563-16463	00000/0000	2-10021/0638	08/07/76	0	7850	4727N	10058W	49.9	130.6	GGGG			35	27
2563-16470	00000/0000	2-10021/0639	08/07/76	10	7850	4602N	10133W	50.5	128.7	GGGG			35	28
2563-16472	00000/0000	2-10021/0640	08/07/76	10	7850	4437N	10207W	51.1	126.7	GGGG			35	29
2563-16475	00000/0000	2-10021/0641	08/07/76	0	7850	4312N	10239W	51.7	124.8	GGGG			35	30
2563-16481	00000/0000	2-10021/0642	08/07/76	0	7850	4146N	10310W	52.2	122.7	GGGG			35	31
2563-16484	00000/0000	2-10021/0643	08/07/76	0	7850	4021N	10339W	52.7	120.7	GGGG			35	32
2563-16490	00000/0000	2-10021/0644	08/07/76	50	7850	3856N	10408W	53.2	118.6	GGGG			35	33
2563-16493	00000/0000	2-10021/0645	08/07/76	60	7850	3730N	10436W	53.6	116.5	GGGG			35	34
2563-16495	00000/0000	2-10021/0646	08/07/76	20	7850	3604N	10504W	53.9	114.4	GGGG			35	35
2563-16502	00000/0000	2-10021/0647	08/07/76	10	7850	3439N	10530W	54.2	112.2	GGGG			35	36
2563-16504	00000/0000	2-10021/0648	08/07/76	20	7850	3313N	10556W	54.5	110.0	GGGG			35	37
2563-16511	00000/0000	2-10021/0649	08/07/76	20	7850	3147N	10622W	54.7	107.8	GGGG			35	38
2563-16513	00000/0000	2-10021/0650	08/07/76	10	7850	3020N	10646W	54.9	105.6	GGGG			35	39
2563-20065	00000/0000	2-10021/0706	08/07/76	100	7852	6810N	13753W	36.9	159.0	GGGG			71	12
2563-20071	00000/0000	2-10021/0707	08/07/76	90	7852	6650N	13931W	37.9	156.8	GGGG			71	13
2563-20074	00000/0000	2-10021/0708	08/07/76	100	7852	6530N	14100W	38.9	154.7	GGGG			71	14
2563-20080	00000/0000	2-10021/0709	08/07/76	90	7852	6409N	14220W	39.8	152.7	GGGG			71	15
2563-20083	00000/0000	2-10021/0710	08/07/76	90	7852	6247N	14334W	40.8	150.7	GGGG			71	16
2563-20085	00000/0000	2-10021/0711	08/07/76	70	7852	6125N	14441W	41.7	148.9	GGGG			71	17
2563-20092	00000/0000	2-10021/0712	08/07/76	90	7852	6003N	14543W	42.6	147.0	GGGG			71	18
2563-20094	00000/0000	2-10021/0713	08/07/76	90	7852	5840N	14640W	43.5	145.2	GGGG			71	19
2563-20101	00000/0000	2-10021/0714	08/07/76	90	7852	5717N	14733W	44.4	143.4	GGGG			71	20
2563-21485	00000/0000	2-10021/0715	08/07/76	90	7853	7202N	15733W	33.8	166.7	GGGG			89	9
2563-21491	00000/0000	2-10021/0716	08/07/76	90	7853	7046N	15952W	34.8	164.0	GGGG			89	10
2563-21494	00000/0000	2-10021/0717	08/07/76	90	7853	6928N	16155W	35.8	161.4	GGGG			89	11
2563-21500	00000/0000	2-10021/0718	08/07/76	40	7853	6810N	16345W	36.9	159.0	GGGG			89	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
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01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0246

OBSERVATION ID	MICROFILM RELI. NR./ POSITION IN RELI RRV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RRV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2563-21503	00000/0000 2-10021/0719	08/07/76	80	7853	6650N 16523W	37.9	156.8	GGGG			89	13
2563-21505	00000/0000 2-10021/0720	08/07/76	90	7853	6529N 16651W	38.8	154.7	GGGG			89	14
2563-21512	00000/0000 2-10021/0721	08/07/76	100	7853	6408N 16810W	39.8	152.7	GGGG			89	15
2563-21514	00000/0000 2-10021/0722	08/07/76	80	7853	6247N 16922W	40.8	150.7	GGGG			89	16
2563-21521	00000/0000 2-10021/0723	08/07/76	90	7853	6125N 17029W	41.7	148.9	GGGG			89	17
2563-21523	00000/0000 2-10021/0724	08/07/76	90	7853	6002N 17132W	42.6	147.0	GGGG			89	18
2563-21530	00000/0000 2-10021/0725	08/07/76	100	7853	5839N 17230W	43.5	145.2	GGGG			89	19
2563-21532	00000/0000 2-10021/0726	08/07/76	90	7853	5716N 17324W	44.4	143.4	GGGG			89	20
2563-21535	00000/0000 2-10021/0727	08/07/76	90	7853	5552N 17415W	45.3	141.6	GGGG			89	21
2563-21541	00000/0000 2-10021/0728	08/07/76	90	7853	5428N 17503W	46.1	139.8	GGGG			89	22
2563-21544	00000/0000 2-10021/0729	08/07/76	100	7853	5304N 17548W	46.9	138.0	GGGG			89	23
2563-21550	00000/0000 2-10021/0730	08/07/76	90	7853	5140N 17630W	47.7	136.2	GGGG			89	24
2564-15083	00000/0000 2-10021/0731	08/08/76	50	7863	4851N 07559W	49.0	132.7	GGGG			18	26
2564-15090	00000/0000 2-10021/0732	08/08/76	90	7863	4725N 07636W	49.7	130.8	GGGG			18	27
2564-15092	00000/0000 2-10021/0733	08/08/76	90	7863	4600N 07710W	50.3	128.9	FFGG			18	28
2564-15095	00000/0000 2-10021/0734	08/08/76	90	7863	4435N 07744W	50.9	127.0	GGGG			18	29
2564-15101	00000/0000 2-10021/0735	08/08/76	100	7863	4309N 07816W	51.5	125.0	GGGG			18	30
2564-15104	00000/0000 2-10021/0736	08/08/76	100	7863	4144N 07847W	52.1	123.0	GGGG			18	31
2564-15110	00000/0000 2-10021/0737	08/08/76	100	7863	4019N 07917W	52.6	121.0	FFGG			18	32
2564-15113	00000/0000 2-10021/0738	08/08/76	90	7863	3853N 07946W	53.0	118.9	FFGG			18	33
2564-15115	00000/0000 2-10021/0739	08/08/76	90	7863	3728N 08014W	53.4	116.8	GGGG			18	34
2564-15122	00000/0000 2-10021/0740	08/08/76	90	7863	3602N 08041W	53.8	114.7	GGGG			18	35
2564-15124	00000/0000 2-10021/0741	08/08/76	90	7863	3436N 08107W	54.1	112.5	GGGG			18	36
2564-15131	00000/0000 2-10021/0742	08/08/76	50	7863	3310N 08133W	54.4	110.3	GGFG			18	37
2564-15133	00000/0000 2-10021/0743	08/08/76	50	7863	3143N 08158W	54.6	108.2	FFGG			18	38
2564-15142	00000/0000 2-10021/0744	08/08/76	20	7863	2852N 08247W	54.9	103.7	GGGG			18	40
2564-15145	00000/0000 2-10021/0745	08/08/76	30	7863	2726N 08310W	54.9	101.5	GGGG			18	41
2564-15151	00000/0000 2-10021/0746	08/08/76	30	7863	2600N 08334W	54.9	99.3	FFGG			18	42
2564-15154	00000/0000 2-10021/0747	08/08/76	40	7863	2433N 08357W	54.9	97.1	GGFG			18	43
2564-16515	00000/0000 2-10021/0818	08/08/76	20	7864	4850N 10148W	49.0	132.7	GGGG			36	26
2564-16521	00000/0000 2-10021/0819	08/08/76	0	7864	4725N 10225W	49.6	130.8	GGGG			36	27
2564-16524	00000/0000 2-10021/0820	08/08/76	10	7864	4600N 10300W	50.3	128.9	GGGG			36	28
2564-16530	00000/0000 2-10021/0821	08/08/76	10	7864	4435N 10333W	50.9	127.0	GGGG			36	29
2564-16533	00000/0000 2-10021/0822	08/08/76	10	7864	4310N 10406W	51.5	125.0	GGGG			36	30
2564-16535	00000/0000 2-10021/0823	08/08/76	20	7864	4145N 10437W	52.0	123.0	GGGG			36	31
2564-16542	00000/0000 2-10021/0824	08/08/76	40	7864	4019N 10507W	52.5	121.0	GGGG			36	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0247

OBSERVATION ID	MICROFILM REEL NO., POSITION IN REEL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2564-16544	00000/0000	2-10021/0825	08/08/76	50	7864	3853N	10536W	53.0	118.9	GGGG		36	33
2564-16551	00000/0000	2-10021/0826	08/08/76	60	7864	3728N	10604W	53.4	116.8	GGGG		36	34
2564-16553	00000/0000	2-10021/0827	08/08/76	30	7864	3603N	10632W	53.8	114.7	GGGG		36	35
2564-16560	00000/0000	2-10021/0828	08/08/76	10	7864	3437N	10658W	54.1	112.6	GGGG		36	36
2564-16562	00000/0000	2-10021/0829	08/08/76	20	7864	3310N	10724W	54.4	110.4	GGGG		36	37
2564-16565	00000/0000	2-10021/0830	08/08/76	10	7864	3144N	10749W	54.6	108.2	GGGG		36	38
2564-16571	00000/0000	2-10021/0831	08/08/76	10	7864	3018N	10814W	54.8	106.0	GGGG		36	39
2564-20123	00000/0000	2-10021/0748	08/08/76	90	7866	6811N	13913W	36.6	159.2	FG G		72	12
2564-20130	00000/0000	2-10021/0749	08/08/76	100	7866	6651N	14052W	37.6	156.9	GG G		72	13
2564-20132	00000/0000	2-10021/0750	08/08/76	80	7866	6531N	14221W	38.6	154.8	GG G		72	14
2564-20135	00000/0000	2-10021/0751	08/08/76	70	7866	6410N	14342W	39.5	152.8	GG G		72	15
2564-20141	00000/0000	2-10021/0752	08/08/76	90	7866	6249N	14456W	40.5	150.9	GGGG		72	16
2564-20144	00000/0000	2-10021/0753	08/08/76	70	7866	6126N	14604W	41.4	149.0	GGGF		72	17
2564-20153	00000/0000	2-10021/0754	08/08/76	100	7866	6004N	14707W	42.4	147.2	GGFG		72	18
2564-20155	00000/0000	2-10021/0755	08/08/76	100	7866	5841N	14805W	43.3	145.4	GGGG		72	19
2564-20154	00000/0000	2-10021/0756	08/08/76	90	7866	5718N	14900W	44.1	143.6	GGGF		72	20
2564-21550	00000/0000	2-10021/0757	08/08/76	30	7867	7202N	15852W	33.5	166.9	GGGG		90	9
2564-21552	00000/0000	2-10021/0758	08/08/76	70	7867	7046N	16111W	34.5	164.1	GGGG		90	10
2564-21555	00000/0000	2-10021/0759	08/08/76	60	7867	6930N	16315W	35.5	161.5	GGGG		90	11
2564-21561	00000/0000	2-10021/0760	08/08/76	20	7867	6811N	16505W	36.6	159.1	GGGF		90	12
2564-21564	00000/0000	2-10021/0761	08/08/76	20	7867	6651N	16644W	37.6	156.9	FGGF		90	13
2564-21570	00000/0000	2-10021/0762	08/08/76	50	7867	6531N	16813W	38.6	154.8	FGGF		90	14
2564-21573	00000/0000	2-10021/0763	08/08/76	80	7867	6410N	16934W	39.5	152.8	GGFF		90	15
2564-21575	00000/0000	2-10021/0764	08/08/76	90	7867	6248N	17047W	40.5	150.9	GGGF		90	16
2564-21582	00000/0000	2-10021/0765	08/08/76	100	7867	6126N	17154W	41.4	149.0	GGGG		90	17
2564-21584	00000/0000	2-10021/0766	08/08/76	90	7867	6004N	17256W	42.4	147.2	GGGG		90	18
2564-21591	00000/0000	2-10021/0767	08/08/76	90	7867	5841N	17355W	43.3	145.4	GGGF		90	19
2564-21593	00000/0000	2-10021/0768	08/08/76	100	7867	5717N	17449W	44.1	143.6	GGFG		90	20
2564-22000	00000/0000	2-10021/0769	08/08/76	90	7867	5554N	17540W	45.0	141.8	GGGF		90	21
2564-22002	00000/0000	2-10021/0770	08/08/76	100	7867	5430N	17627W	45.8	140.0	GGGF		90	22
2564-22005	00000/0000	2-10021/0771	08/08/76	90	7867	5306N	17711W	46.6	138.3	GGGG		90	23
2565-15142	00000/0000	2-10021/0772	08/08/76	90	7867	5142N	17754W	47.4	136.5	GGGG		90	24
2565-15144	00000/0000	2-10021/0786	08/09/76	40	7877	4853N	07725W	48.7	133.0	GGGG		19	26
2565-15151	00000/0000	2-10021/0787	08/09/76	30	7877	4727N	07801W	49.4	131.1	FGGG		19	27
2565-15153	00000/0000	2-10021/0788	08/09/76	30	7877	4601N	07837W	50.1	129.2	GGGG		19	28
		2-10021/0789	08/09/76	80	7877	4437N	07910W	50.7	127.3	GGGG		19	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0248

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLBD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	SRBIT PATH NUMBER	FRAME ROW NUMBER
2565-15160	00000/0000	2-10021/0790	08/09/76	90	7877	4311N	07942W	51.3	125.4	GGGG		19	30
2565-15162	00000/0000	2-10021/0791	08/09/76	90	7877	4145N	08014W	51.8	123.4	GGGG		19	31
2565-15165	00000/0000	2-10021/0792	08/09/76	90	7877	4020N	08043W	52.4	121.4	GGGG		19	32
2565-15171	00000/0000	2-10021/0793	08/09/76	80	7877	3855N	08112W	52.8	119.3	GGGG		19	33
2565-15174	00000/0000	2-10021/0794	08/09/76	90	7877	3729N	08140W	53.2	117.2	GGGG		19	34
2565-15180	00000/0000	2-10021/0795	08/09/76	50	7877	3603N	08208W	53.6	115.1	GGGG		19	35
2565-15183	00000/0000	2-10021/0796	08/09/76	60	7877	3437N	08234W	53.9	113.0	GGGG		19	36
2565-15185	00000/0000	2-10021/0797	08/09/76	80	7877	3311N	08300W	54.2	110.8	GGGG		19	37
2565-15192	00000/0000	2-10021/0798	08/09/76	40	7877	3146N	08325W	54.5	108.6	GGGG		19	38
2565-15194	00000/0000	2-10021/0799	08/09/76	20	7877	3020N	08349W	54.6	106.4	GGGG		19	39
2565-15201	00000/0000	2-10021/0800	08/09/76	20	7877	2854N	08413W	54.8	104.2	GGFG		19	40
2565-15203	00000/0000	2-10021/0801	08/09/76	30	7877	2728N	08436W	54.8	102.0	GGGG		19	41
2565-16573	00000/0000	2-10021/0773	08/09/76	10	7878	4851N	10313W	48.7	133.0	GGGG		37	26
2565-16580	00000/0000	2-10021/0774	08/09/76	30	7878	4726N	10349W	49.4	131.1	GGGG		37	27
2565-16582	00000/0000	2-10021/0775	08/09/76	40	7878	4601N	10424W	50.1	129.2	GGGG		37	28
2565-16585	00000/0000	2-10021/0776	08/09/76	20	7878	4436N	10457W	50.7	127.3	GGGG		37	29
2565-16591	00000/0000	2-10021/0777	08/09/76	10	7878	4311N	10529W	51.3	125.4	GGGG		37	30
2565-16594	00000/0000	2-10021/0778	08/09/76	10	7878	4146N	10601W	51.8	123.4	GGGG		37	31
2565-17003	00000/0000	2-10021/0779	08/09/76	50	7878	3854N	10700W	52.8	119.3	GGGG		37	33
2565-17005	00000/0000	2-10021/0780	08/09/76	70	7878	3729N	10728W	53.2	117.3	GGGG		37	34
2565-17012	00000/0000	2-10021/0781	08/09/76	80	7878	3604N	10756W	53.6	115.1	GGGG		37	35
2565-17014	00000/0000	2-10021/0782	08/09/76	100	7878	3438N	10822W	53.9	113.0	GFGG		37	36
2565-17021	00000/0000	2-10021/0783	08/09/76	90	7878	3311N	10848W	54.2	110.8	GFGG		37	37
2565-17023	00000/0000	2-10021/0784	08/09/76	30	7878	3145N	10913W	54.4	108.7	GGGG		37	38
2565-17030	00000/0000	2-10021/0785	08/09/76	20	7878	3018N	10938W	54.6	106.5	GGGG		37	39
2565-20175	00000/0000	2-10021/0891	08/09/76	50	7880	6929N	13854W	35.3	161.5	GGGG		73	11
2565-20181	00000/0000	2-10021/0892	08/09/76	90	7880	6810N	14045W	36.3	159.2	GGGG		73	12
2565-20184	00000/0000	2-10021/0893	08/09/76	90	7880	6649N	14223W	37.3	157.0	GGGG		73	13
2565-20190	00000/0000	2-10021/0894	08/09/76	90	7880	6529N	14351W	38.3	154.9	GGGG		73	14
2565-20193	00000/0000	2-10021/0895	08/09/76	80	7880	6408N	14511W	39.3	152.9	GGGG		73	15
2565-20195	00000/0000	2-10021/0896	08/09/76	90	7880	6247N	14624W	40.2	151.0	GGGG		73	16
2565-20202	00000/0000	2-10021/0897	08/09/76	90	7880	6124N	14732W	41.2	149.1	GGGG		73	17
2565-20204	00000/0000	2-10021/0898	08/09/76	100	7880	6002N	14835W	42.1	147.3	GGGG		73	18
2565-20211	00000/0000	2-10021/0899	08/09/76	90	7880	5839N	14932W	43.0	145.5	GGGG		73	19
2565-20213	00000/0000	2-10021/0900	08/09/76	90	7880	5716N	15026W	43.9	143.7	GGGG		73	20
2565-22001	00000/0000	2-10021/0901	08/09/76	90	7881	7201N	16026W	33.2	166.8	GGGG		91	9

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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0249

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS DATA 123 45678 MODE	MSS DATA MODE	MSS GAIN	ORBIT PATH NUMBER	FRAME RBV NUMBER
2565-22004	30000/0000 2-10021/0902	08/09/76	80	7881	7045N	16243W	34.2	164.1					
2565-22010	30000/0000 2-10021/0903	08/09/76	20	7881	6928N	16444W	35.3	161.5	GGGG			91	10
2565-22013	30000/0000 2-10021/0904	08/09/76	30	7881	6809N	16634W	36.3	159.2	GGGG			91	11
2565-22022	30000/0000 2-10021/0905	08/09/76	80	7881	6529N	16941W	38.3	154.9	GGGG			91	12
2565-22024	30000/0000 2-10021/0906	08/09/76	90	7881	6408N	17102W	39.3	152.9	FFFF			91	14
2566-15200	30000/0000 2-10021/0802	08/10/76	10	7891	4853N	07849W	48.5	133.3	GGGG			91	15
2566-15202	30000/0000 2-10021/0803	08/10/76	0	7891	4728N	07926W	49.2	131.4	GGGG			20	26
2566-15205	30000/0000 2-10021/0804	08/10/76	0	7891	4603N	08001W	49.8	129.5	GGGG			20	27
2566-15211	30000/0000 2-10021/0805	08/10/76	0	7891	4438N	08034W	50.5	127.6	GGGG			20	28
2566-15214	30000/0000 2-10021/0806	08/10/76	0	7891	4312N	08107W	51.1	125.7	GGGG			20	29
2566-15220	30000/0000 2-10021/0807	08/10/76	40	7891	4147N	08133W	51.6	123.7	GGGG			20	30
2566-15223	30000/0000 2-10021/0808	08/10/76	20	7891	4021N	08209W	52.1	121.7	GGGG			20	31
2566-15225	30000/0000 2-10021/0809	08/10/76	10	7891	3856N	08239W	52.6	119.7	GGGG			20	32
2566-15232	30000/0000 2-10021/0810	08/10/76	20	7891	3730N	08307W	53.1	117.6	GGGG			20	33
2566-15234	30000/0000 2-10021/0811	08/10/76	10	7891	3604N	08334W	53.4	115.6	GGGG			20	34
2566-15241	30000/0000 2-10021/0812	08/10/76	10	7891	3438N	08400W	53.8	113.4	GGGG			20	35
2566-15243	30000/0000 2-10021/0813	08/10/76	20	7891	3312N	08425W	54.1	111.3	GGGG			20	36
2566-15250	30000/0000 2-10021/0814	08/10/76	10	7891	3147N	08450W	54.3	109.1	GGGG			20	37
2566-15252	30000/0000 2-10021/0815	08/10/76	10	7891	3022N	08514W	54.5	106.9	GGGG			20	38
2566-15255	30000/0000 2-10021/0816	08/10/76	10	7891	2855N	08538W	54.6	104.7	GGGG			20	39
2566-15261	30000/0000 2-10021/0817	08/10/76	20	7891	2729N	08602W	54.7	102.5	GGGG			20	40
2566-17031	30000/0000 2-10021/0832	08/10/76	30	7892	4853N	10439W	48.5	133.3	GGGG			20	41
2566-17034	30000/0000 2-10021/0833	08/10/76	30	7892	4728N	10515W	49.2	131.4	GGGG			38	26
2566-17040	30000/0000 2-10021/0834	08/10/76	20	7892	4603N	10550W	49.8	129.6	GGGG			38	27
2566-17043	30000/0000 2-10021/0835	08/10/76	10	7892	4438N	10624W	50.5	127.7	GGGG			38	28
2566-17045	30000/0000 2-10021/0836	08/10/76	30	7892	4313N	10656W	51.1	125.7	GGGG			38	29
2566-17052	30000/0000 2-10021/0837	08/10/76	10	7892	4147N	10727W	51.6	123.8	GGGF			38	30
2566-17054	30000/0000 2-10021/0838	08/10/76	20	7892	4022N	10758W	52.1	121.8	GGGF			38	31
2566-17061	30000/0000 2-10021/0839	08/10/76	20	7892	3856N	10826W	52.6	119.7	GGGG			38	32
2566-17063	30000/0000 2-10021/0840	08/10/76	30	7892	3730N	10855W	53.0	117.7	GGGG			38	33
2566-17070	30000/0000 2-10021/0841	08/10/76	20	7892	3605N	10922W	53.4	115.6	GGGG			38	34
2566-17072	30000/0000 2-10021/0842	08/10/76	20	7892	3439N	10949W	53.8	113.5	GGGG			38	35
2566-17075	30000/0000 2-10021/0843	08/10/76	20	7892	3313N	11015W	54.1	111.3	GGGG			38	36
2566-17081	30000/0000 2-10021/0844	08/10/76	10	7892	3147N	11040W	54.3	109.1	GGFG			38	37
2566-17084	30000/0000 2-10021/0845	08/10/76	10	7892	3021N	11105W	54.5	107.0	GFFG			38	38
2566-20233	30000/0000 2-10021/0846	08/10/76	10	7894	6930N	14015W	35.0	161.7	GGGG			38	39
									GG G			74	11

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01:29 APR 28, 1977

LANDSAT-2  
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FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0250

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RAW NUMBER
2566-20240	30000/0000 2-10021/0847	08/10/76	30	7894	6812N	14205W	36.0 159.3	GGGG				
2566-20242	30000/0000 2-10021/0848	08/10/76	20	7894	6652N	14343W	37.0 157.1	GGGG			74	12
2566-20245	30000/0000 2-10021/0849	08/10/76	40	7894	6531N	14513W	38.0 155.0	GGGG			74	13
2566-20251	30000/0000 2-10021/0850	08/10/76	40	7894	6410N	14632W	39.0 153.0	GGGG			74	14
2566-20254	30000/0000 2-10021/0851	08/10/76	30	7894	6249N	14746W	40.0 151.1	GGGG			74	15
2566-20260	30000/0000 2-10021/0852	08/10/76	10	7894	6126N	14854W	40.9 149.3	GGGG			74	16
2566-20263	30000/0000 2-10021/0853	08/10/76	10	7894	6003N	14957W	41.8 147.5	GGGG			74	17
2566-20265	30000/0000 2-10021/0854	08/10/76	40	7894	5841N	15055W	42.7 145.7	GGGG			74	18
2566-20272	30000/0000 2-10021/0855	08/10/76	90	7894	5717N	15149W	43.6 143.9	GGGG			74	19
2566-20274	30000/0000 2-10021/0856	08/10/76	90	7894	5554N	15240W	44.5 142.2	GGGG			74	20
2566-22062	30000/0000 2-10021/0857	08/10/76	60	7895	7046N	16404W	33.9 164.2	GGGG			74	21
2566-22065	30000/0000 2-10021/0858	08/10/76	90	7895	6929N	16606W	35.0 161.6	GGGG			92	10
2566-22071	30000/0000 2-10021/0859	08/10/76	90	7895	6810N	16756W	36.0 159.3	GGGG			92	11
2566-22074	30000/0000 2-10021/0860	08/10/76	100	7895	6650N	16934W	37.0 157.1	GGGG			92	12
2566-22080	30000/0000 2-10021/0861	08/10/76	100	7895	6530N	17102W	38.0 155.0	GGGG			92	13
2567-15261	30000/0000 2-10021/0862	08/11/76	30	7905	4727N	08054W	49.0 131.7	GGGG			92	14
2567-15263	30000/0000 2-10021/0863	08/11/76	30	7905	4601N	08129W	49.6 129.8	GGGG			21	27
2567-15270	30000/0000 2-10021/0864	08/11/76	40	7905	4436N	08202W	50.3 127.9	GGGG			21	28
2567-15272	30000/0000 2-10021/0865	08/11/76	10	7905	4310N	08235W	50.9 126.0	GGGG			21	29
2567-15275	30000/0000 2-10021/0866	08/11/76	30	7905	4145N	08306W	51.4 124.0	GGGG			21	30
2567-15281	30000/0000 2-10021/0867	08/11/76	10	7905	4020N	08336W	52.0 122.1	GGGG			21	31
2567-15284	30000/0000 2-10021/0868	08/11/76	10	7905	3854N	08405W	52.4 120.0	GGGG			21	32
2567-15290	30000/0000 2-10021/0869	08/11/76	10	7905	3728N	08432W	52.9 118.0	GGGG			21	33
2567-15293	30000/0000 2-10021/0870	08/11/76	10	7905	3602N	08459W	53.3 115.9	GGGG			21	34
2567-15295	30000/0000 2-10021/0871	08/11/76	10	7905	3437N	08525W	53.6 113.8	GGGG			21	35
2567-15302	30000/0000 2-10021/0872	08/11/76	10	7905	3311N	08551W	53.9 111.7	GGGG			21	36
2567-15304	30000/0000 2-10021/0873	08/11/76	0	7905	3145N	08617W	54.2 109.5	GGGG			21	37
2567-15311	30000/0000 2-10021/0874	08/11/76	20	7905	3019N	08641W	54.4 107.3	GGGG			21	38
2567-15313	30000/0000 2-10021/0875	08/11/76	30	7905	2854N	08706W	54.5 105.2	GGGG			21	39
2567-15320	30000/0000 2-10021/0876	08/11/76	20	7905	2728N	08730W	54.6 103.0	GGGG			21	40
2567-17090	30000/0000 2-10021/0877	08/11/76	20	7906	4851N	10604W	48.2 133.5	GGGG			39	26
2567-17092	30000/0000 2-10021/0878	08/11/76	10	7906	4726N	10641W	48.9 131.7	GGGG			39	27
2567-17095	30000/0000 2-10021/0879	08/11/76	10	7906	4601N	10716W	49.6 129.8	GGGG			39	28
2567-17101	30000/0000 2-10021/0880	08/11/76	10	7906	4435N	10750W	50.3 127.9	GGGG			39	29
2567-17104	30000/0000 2-10021/0881	08/11/76	10	7906	4310N	10822W	50.9 126.0	GGGG			39	30
2567-17110	30000/0000 2-10021/0882	08/11/76	10	7906	4144N	10853W	51.4 124.1	GGGG			39	31

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01:29 APR 28, 1977

LANHSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0251

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RRV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME R&W NUMBER
2567-17113	00000/0000	2-10021/0883	08/11/76	10	7906	4019N	10923W	51.9	122.1	GGGG			39	32
2567-17115	00000/0000	2-10021/0884	08/11/76	20	7906	3854N	10952W	52.4	120.1	GGGG			39	33
2567-17122	00000/0000	2-10021/0885	08/11/76	10	7906	3729N	11021W	52.9	118.0	GGGG			39	34
2567-17124	00000/0000	2-10021/0886	08/11/76	10	7906	3603N	11049W	53.3	115.9	GGGG			39	35
2567-17131	00000/0000	2-10021/0887	08/11/76	10	7906	3437N	11115W	53.6	113.8	GGGG			39	36
2567-17133	00000/0000	2-10021/0888	08/11/76	10	7906	3310N	11140W	53.9	111.7	GGGG			39	37
2567-17140	00000/0000	2-10021/0889	08/11/76	0	7906	3144N	11205W	54.2	109.5	GGGG			39	38
2567-17142	00000/0000	2-10021/0890	08/11/76	0	7906	3020N	11230W	54.4	107.4	GGGG			39	39
2567-20285	00000/0000	2-10021/0907	08/11/76	30	7908	7048N	13938W	33.6	164.3	GGGG			75	10
2567-20291	00000/0000	2-10021/0908	08/11/76	40	7908	6931N	14141W	34.7	161.8	GGGG			75	11
2567-20294	00000/0000	2-10021/0909	08/11/76	30	7908	6813N	14331W	35.7	159.4	GGGG			75	12
2567-20300	00000/0000	2-10021/0910	08/11/76	10	7908	6653N	14508W	36.7	157.2	GGGG			75	13
2567-20303	00000/0000	2-10021/0911	08/11/76	40	7908	6532N	14636W	37.7	155.2	GGGG			75	14
2567-20305	00000/0000	2-10021/0912	08/11/76	40	7908	6411N	14756W	38.7	153.2	GGGG			75	15
2567-20312	00000/0000	2-10021/0913	08/11/76	60	7908	6250N	14910W	39.6	151.3	GGGG			75	16
2567-20314	00000/0000	2-10021/0914	08/11/76	70	7908	6128N	15018W	40.6	149.5	GGGG			75	17
2567-20321	00000/0000	2-10021/0915	08/11/76	90	7908	6005N	15121W	41.6	147.7	GGGG			75	18
2567-20323	00000/0000	2-10021/0916	08/11/76	90	7908	5842N	15221W	42.4	145.9	GGGG			75	19
2567-20330	00000/0000	2-10021/0917	08/11/76	90	7908	5719N	15316W	43.3	144.1	GGGG			75	20
2567-20332	00000/0000	2-10021/0918	08/11/76	100	7908	5555N	15407W	44.2	142.4	GGGG			75	21
2567-22123	00000/0000	2-10021/0919	08/11/76	80	7909	6930N	16733W	34.7	161.8	GGGG			93	11
2567-22125	00000/0000	2-10021/0920	08/11/76	80	7909	6812N	16922W	35.7	159.4	GGGG			93	12
2567-22132	00000/0000	2-10021/0921	08/11/76	100	7909	6653N	17100W	36.7	157.2	GGGG			93	13
2567-22173	00000/0000	2-10021/0922	08/11/76	100	7909	5306N	17828E	45.9	138.9	GGGG			93	23
2568-15314	00000/0000	2-10022/0001	08/12/76	90	7919	4742N	08212W	48.6	132.3	PGGG			22	27
2568-15321	00000/0000	2-10022/0002	08/12/76	90	7919	4618N	08247W	49.3	130.5	PGGG			22	28
2568-15323	2-10022/1468	2-10022/0003	08/12/76	80	7919	4452N	08321W	49.9	128.6	FFF FGGG			22	29
2568-15330	2-10022/1469	2-10022/0004	08/12/76	70	7919	4327N	08354W	50.5	126.7	FFF FGGG			22	30
2568-15332	2-10022/1470	2-10022/0005	08/12/76	60	7919	4202N	08425W	51.1	124.8	FFF FGGG			22	31
2568-15335	2-10022/1471	2-10022/0006	08/12/76	60	7919	4036N	08455W	51.7	122.8	FFF FGGG			22	32
2568-15341	00000/0000	2-10022/0007	08/12/76	20	7919	3911N	08524W	52.2	120.8	GGFG			22	33
2568-15344	00000/0000	2-10022/0008	08/12/76	10	7919	3745N	08552W	52.6	118.8	GGGG			22	34
2568-15350	00000/0000	2-10022/0009	08/12/76	20	7919	3619N	08620W	53.0	116.7	GGGG			22	35
2568-15353	00000/0000	2-10022/0010	08/12/76	20	7919	3454N	08647W	53.4	114.6	GGGG			22	36
2568-15355	00000/0000	2-10022/0011	08/12/76	10	7919	3328N	08713W	53.7	112.5	GGGG			22	37
2568-15362	00000/0000	2-10022/0012	08/12/76	10	7919	3202N	08738W	54.0	110.4	GGGG			22	38

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01:29 APR 28, '77

LANDSAT-2  
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PAGE 0252

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2568-15364	00000/0000	2-10022/0013	08/12/76	20	7919	3037N	08803W	54.2	108.2	GGGG			22	39
2568-15371	00000/0000	2-10022/0014	08/12/76	40	7919	2911N	08827W	54.4	106.1	GGGG			22	40
2568-15373	00000/0000	2-10022/0015	08/12/76	40	7919	2744N	08850W	54.5	103.9	GGGG			22	41
2568-17144	00000/0000	2-10021/0923	08/12/76	10	7920	4851N	10731W	48.0	133.8	GGGG			40	26
2568-17150	00000/0000	2-10021/0924	08/12/76	20	7920	4727N	10807W	48.7	132.0	GGGG			40	27
2568-17153	00000/0000	2-10021/0925	08/12/76	30	7920	4602N	10842W	49.4	130.2	GGGG			40	28
2568-17155	00000/0000	2-10021/0926	08/12/76	20	7920	4437N	10916W	50.0	128.3	GGGG			40	29
2568-17162	00000/0000	2-10021/0927	08/12/76	10	7920	4312N	10948W	50.6	126.4	GGGG			40	30
2568-17164	00000/0000	2-10021/0928	08/12/76	10	7920	4146N	11020W	51.2	124.5	GGGG			40	31
2568-17171	00000/0000	2-10021/0929	08/12/76	10	7920	4021N	11050W	51.7	122.5	GGGG			40	32
2568-17173	00000/0000	2-10021/0930	08/12/76	0	7920	3855N	11119W	52.2	120.5	GG			40	33
2568-17180	00000/0000	2-10021/0931	08/12/76	0	7920	3729N	11147W	52.7	118.5	GGF			40	34
2568-17182	00000/0000	2-10021/0932	08/12/76	10	7920	3603N	11214W	53.1	116.4	GGGG			40	35
2568-17185	00000/0000	2-10021/0933	08/12/76	10	7920	3437N	11241W	53.4	114.3	GGGG			40	36
2568-17191	00000/0000	2-10021/0934	08/12/76	10	7920	3312N	11307W	53.8	112.2	GGGG			40	37
2568-17194	00000/0000	2-10021/0935	08/12/76	0	7920	3146N	11332W	54.0	110.0	GGGG			40	38
2568-17200	00000/0000	2-10021/0936	08/12/76	0	7920	3020N	11356W	54.2	107.9	GGGG			40	39
2568-20343	00000/0000	2-10021/0939	08/12/76	90	7922	7047N	14105W	33.4	164.3	GGGG			76	10
2568-20350	00000/0000	2-10021/0980	08/12/76	90	7922	6930N	14308W	34.4	161.8	GGGG			76	11
2568-20352	00000/0000	2-10021/0981	08/12/76	70	7922	6811N	14459W	35.4	159.5	GGGG			76	12
2568-20355	00000/0000	2-10021/0982	08/12/76	80	7922	6652N	14638W	36.4	157.3	GGGG			76	13
2568-20364	00000/0000	2-10021/0983	08/12/76	80	7922	6411N	14927W	38.4	153.3	GGGG			76	15
2568-20370	00000/0000	2-10021/0984	08/12/76	90	7922	6248N	15040W	39.4	151.4	GGGG			76	16
2568-20373	00000/0000	2-10021/0985	08/12/76	70	7922	6126N	15148W	40.3	149.6	GGGG			76	17
2568-20375	00000/0000	2-10021/0986	08/12/76	60	7922	6003N	15249W	41.3	147.8	GGGG			76	18
2568-20382	00000/0000	2-10021/0987	08/12/76	60	7922	5840N	15347W	42.2	146.0	GGGG			76	19
2568-20384	00000/0000	2-10021/0988	08/12/76	60	7922	5717N	15441W	43.1	144.3	GGGG			76	20
2568-20391	00000/0000	2-10021/0989	08/12/76	20	7922	5553N	15532W	43.9	142.5	GGFG			76	21
2568-22231	00000/0000	2-10021/0950	08/12/76	100	7923	5308N	17705E	45.6	139.2	GGGG			94	23
2569-15373	00000/0000	2-10021/0964	08/13/76	90	7933	4729N	08345W	48.4	132.3	FGGG			23	27
2569-15375	00000/0000	2-10021/0965	08/13/76	90	7933	4604N	08420W	49.1	130.5	FGGG			23	28
2569-15382	00000/0000	2-10021/0966	08/13/76	70	7933	4438N	08454W	49.8	128.6	FGGG			23	29
2569-15384	00000/0000	2-10021/0967	08/13/76	50	7933	4313N	08527W	50.4	126.7	FGGG			23	30
2569-15391	00000/0000	2-10021/0968	08/13/76	40	7933	4148N	08558W	51.0	124.8	GGGG			23	31
2569-15393	00000/0000	2-10021/0969	08/13/76	20	7933	4022N	08628W	51.5	122.9	GGGG			23	32
2569-15400	00000/0000	2-10021/0970	08/13/76	30	7933	3857N	08657W	52.0	120.9	GGGG			23	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0253

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2569-15402	00000/0000 2-10021/0971	08/13/76	30	7933	3731N	08725W	52.5	118.9	FGGG		23	34
2569-15405	00000/0000 2-10021/0972	08/13/76	30	7933	3605N	08752W	52.9	116.8	GGGG		23	35
2569-15411	00000/0000 2-10021/0973	08/13/76	20	7933	3439N	08818W	53.3	114.7	GGGG		23	36
2569-15414	00000/0000 2-10021/0974	08/13/76	30	7933	3313N	08844W	53.6	112.6	FGGG		23	37
2569-15420	00000/0000 2-10021/0975	08/13/76	40	7933	3148N	08910W	53.9	110.5	GGGG		23	38
2569-15423	00000/0000 2-10021/0976	08/13/76	50	7933	3022N	08934W	54.1	108.4	GGGG		23	39
2569-15425	00000/0000 2-10021/0977	08/13/76	40	7933	2856N	08958W	54.3	106.2	GGGG		23	40
2569-15432	00000/0000 2-10021/0978	08/13/76	40	7933	2730N	09022W	54.4	104.0	GGGG		23	41
2569-17202	00000/0000 2-10021/0937	08/13/76	10	7934	4854N	10855W	47.7	134.1	GGG		41	26
2569-17205	00000/0000 2-10021/0938	08/13/76	30	7934	4729N	10932W	48.4	132.3	GGGG		41	27
2569-17211	00000/0000 2-10021/0939	08/13/76	10	7934	4604N	11007W	49.1	130.5	GGG		41	28
2569-17214	00000/0000 2-10021/0940	08/13/76	10	7934	4439N	11041W	49.8	128.6	GGG		41	29
2569-17220	00000/0000 2-10021/0941	08/13/76	0	7934	4314N	11113W	50.4	126.8	GG		41	30
2569-17223	00000/0000 2-10021/0942	08/13/76	0	7934	4149N	11145W	51.0	124.9	GGGG		41	31
2569-17225	00000/0000 2-10021/0943	08/13/76	0	7934	4023N	11215W	51.5	122.9	GGGG		41	32
2569-17232	00000/0000 2-10021/0944	08/13/76	0	7934	3858N	11244W	52.0	120.9	GGGG		41	33
2569-17234	00000/0000 2-10021/0945	08/13/76	0	7934	3732N	11312W	52.5	118.9	GGGG		41	34
2569-17241	00000/0000 2-10021/0946	08/13/76	0	7934	3607N	11340W	52.9	116.9	GGGG		41	35
2569-17243	00000/0000 2-10021/0947	08/13/76	0	7934	3441N	11407W	53.3	114.8	GGGG		41	36
2569-17250	00000/0000 2-10021/0948	08/13/76	0	7934	3314N	11433W	53.6	112.7	GGGG		41	37
2569-17252	00000/0000 2-10021/0949	08/13/76	10	7934	3148N	11458W	53.9	110.5	GGGG		41	38
2569-20401	00000/0000 2-10021/0951	08/13/76	10	7936	7048N	14232W	33.0	164.5	GGGG		77	10
2569-20404	00000/0000 2-10021/0952	08/13/76	30	7936	6931N	14436W	34.1	162.0	GGGG		77	11
2569-20410	00000/0000 2-10021/0953	08/13/76	90	7936	6812N	14627W	35.1	159.6	FGGG		77	12
2569-20413	00000/0000 2-10021/0954	08/13/76	100	7936	6652N	14806W	36.1	157.5	GGGG		77	13
2569-2041-	00000/0000 2-10021/0955	08/13/76	40	7936	6532N	14935W	37.1	155.4	GGGG		77	14
2569-20422	00000/0000 2-10021/0956	08/13/76	30	7936	6411N	15055W	38.1	153.4	GGGG		77	15
2569-20424	00000/0000 2-10021/0957	08/13/76	30	7936	6249N	15207W	39.1	151.6	GGGG		77	16
2569-20431	00000/0000 2-10021/0958	08/13/76	60	7936	6127N	15314W	40.0	149.7	GGGG		77	17
2569-20433	00000/0000 2-10021/0959	08/13/76	90	7936	6006N	15416W	41.0	148.0	GGGG		77	18
2569-20440	00000/0000 2-10021/0960	08/13/76	90	7936	5843N	15514W	41.9	146.2	GGGG		77	19
2569-20442	00000/0000 2-10021/0961	08/13/76	100	7936	5719N	15608W	42.8	144.5	GGGG		77	20
2569-20445	00000/0000 2-10021/0962	08/13/76	100	7936	5555N	15659W	43.7	142.8	GGGG		77	21
2569-20451	00000/0000 2-10021/0963	08/13/76	100	7936	5431N	15747W	44.5	141.1	GGGG		77	22
2570-15425	00000/0000 2-10021/0990	08/14/76	10	7947	4853N	08435W	47.5	134.3	GGGG		24	26
2570-15431	00000/0000 2-10021/0991	08/14/76	20	7947	4728N	08511W	48.2	132.5	GGGG		24	27

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0254

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2570-15434	00000/0000	2-10021/0992	08/14/76	40	7947	4603N	08545W	48.9	130.7	GGGG		
2570-15440	00000/0000	2-10021/0993	08/14/76	60	7947	4437N	08619W	49.6	128.9	GGGG	24	28
2570-15443	00000/0000	2-10021/0994	08/14/76	90	7947	4312N	08651W	50.2	127.0	GGGG	24	29
2570-15445	00000/0000	2-10021/0995	08/14/76	70	7947	4148N	08722W	50.8	125.1	GGGG	24	30
2570-15452	00000/0000	2-10021/0996	08/14/76	60	7947	4022N	08752W	51.3	123.2	GGGG	24	31
2570-15454	00000/0000	2-10021/0997	08/14/76	40	7947	3856N	08822W	51.8	121.2	GGGG	24	32
2570-15461	00000/0000	2-10021/0998	08/14/76	40	7947	3730N	08850W	52.3	119.2	GGGG	24	33
2570-15463	00000/0000	2-10021/0999	08/14/76	30	7947	3603N	08918W	52.7	117.2	GGGG	24	34
2570-15470	00000/0000	2-10021/1000	08/14/76	10	7947	3438N	08944W	53.1	115.1	GGGG	24	35
2570-15472	00000/0000	2-10021/1001	08/14/76	10	7947	3312N	09010W	53.5	113.1	GGGG	24	36
2570-15475	00000/0000	2-10021/1002	08/14/76	50	7947	3147N	09036W	53.7	110.9	GGGG	24	37
2570-15481	00000/0000	2-10021/1003	08/14/76	50	7947	3021N	09101W	54.0	108.8	GGGG	24	38
2570-15484	00000/0000	2-10021/1004	08/14/76	50	7947	2854N	09125W	54.2	106.7	GGGG	24	39
2570-17260	00000/0000	2-10021/1005	08/14/76	20	7948	4862N	11024W	47.5	134.3	GGGG	42	40
2570-17263	00000/0000	2-10021/1006	08/14/76	50	7948	4727N	11101W	48.2	132.6	GGGG	42	26
2570-17265	00000/0000	2-10021/1007	08/14/76	40	7948	4603N	11136W	48.9	130.8	GGGG	42	27
2570-17272	00000/0000	2-10021/1008	08/14/76	30	7948	4438N	11209W	49.6	128.9	GGGG	42	28
2570-17274	00000/0000	2-10021/1009	08/14/76	10	7948	4313N	11241W	50.2	127.1	GGGG	42	29
2570-17281	00000/0000	2-10021/1010	08/14/76	10	7948	4147N	11312W	50.8	125.2	GGGG	42	30
2570-17283	00000/0000	2-10021/1011	08/14/76	20	7948	4022N	11343W	51.3	123.2	GGGG	42	31
2570-17290	00000/0000	2-10021/1012	08/14/76	50	7948	3857N	11412W	51.8	121.3	GGGG	42	32
2570-17292	00000/0000	2-10021/1013	08/14/76	80	7948	3731N	11440W	52.3	119.3	GGGG	42	33
2570-17295	00000/0000	2-10021/1014	08/14/76	70	7948	3605N	11507W	52.7	117.2	GGGG	42	34
2570-17301	00000/0000	2-10021/1015	08/14/76	20	7948	3439N	11533W	53.1	115.2	GGGG	42	35
2570-17304	00000/0000	2-10021/1016	08/14/76	10	7948	3313N	11559W	53.5	113.1	GGGG	42	36
2570-17310	00000/0000	2-10021/1017	08/14/76	10	7948	3147N	11625W	53.7	111.0	GGGG	42	37
2570-20462	00000/0000	2-10021/1018	08/14/76	20	7950	6933N	14555W	33.7	162.1	GGGG	78	38
2570-20464	00000/0000	2-10021/1019	08/14/76	30	7950	6814N	14745W	34.8	159.8	GGGG	78	11
2570-20471	00000/0000	2-10021/1020	08/14/76	40	7950	6655N	14923W	35.8	157.6	GGGG	78	12
2570-20473	00000/0000	2-10021/1021	08/14/76	70	7950	6535N	15053W	36.8	155.6	GGGG	78	13
2571-15483	00000/0000	2-10021/1035	08/15/76	20	7961	4855N	08600W	47.2	134.6	GGGG	25	14
2571-15485	00000/0000	2-10021/1036	08/15/76	10	7961	4730N	08636W	47.9	132.9	GGGG	25	26
2571-15492	00000/0000	2-10021/1037	08/15/76	30	7961	4605N	08711W	48.6	131.1	GGGG	25	27
2571-15494	00000/0000	2-10021/1038	08/15/76	30	7961	4439N	08744W	49.3	129.3	GGGG	25	28
2571-15501	00000/0000	2-10021/1039	08/15/76	20	7961	4314N	08816W	50.0	127.4	GGGG	25	29
2571-15503	00000/0000	2-10021/1040	08/15/76	40	7961	4148N	08847W	50.6	125.5	GGGG	25	30
											25	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0255

OBSERVATION ID	MICROFILM POSITION IN RBL RBV	RBLI NR./ POSITION IN RBL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2571-15510	00000/0000	2-10021/1041	08/15/76	60	7961	4022N	08917W	51.1 123.6	GGGG			25	32
2571-15512	00000/0000	2-10021/1042	08/15/76	90	7961	3857N	08946W	51.6 121.7	GGGG			25	33
2571-15515	00000/0000	2-10021/1043	08/15/76	100	7961	3732N	09015W	52.1 119.7	GGGG			25	34
2571-15521	00000/0000	2-10021/1044	08/15/76	70	7961	3606N	09043W	52.6 117.7	FGGG			25	35
2571-15524	00000/0000	2-10021/1045	08/15/76	40	7961	3440N	09110W	52.9 115.6	GGGG			25	36
2571-15530	00000/0000	2-10021/1046	08/15/76	20	7961	3314N	09136W	53.3 113.6	GGGG			25	37
2571-15533	00000/0000	2-10021/1047	08/15/76	40	7961	3148N	09202W	53.6 111.5	GGGG			25	38
2571-15535	00000/0000	2-10021/1048	08/15/76	50	7961	3022N	09227W	53.8 109.3	GGGG			25	39
2571-15542	00000/0000	2-10021/1049	08/15/76	50	7961	2856N	09251W	54.0 107.2	GGGG			25	40
2571-17315	00000/0000	2-10021/1022	08/15/76	80	7962	4855N	11150W	47.2 134.7	GGGG			43	26
2571-17321	00000/0000	2-10021/1023	08/15/76	90	7962	4730N	11226W	47.9 132.9	GGGG			43	27
2571-17324	00000/0000	2-10021/1024	08/15/76	90	7962	4605N	11300W	48.6 131.1	GGGG			43	28
2571-17330	00000/0000	2-10021/1025	08/15/76	90	7962	4439N	11334W	49.3 129.3	GGGG			43	29
2571-17333	00000/0000	2-10021/1026	08/15/76	90	7962	4314N	11406W	49.9 127.5	GGGG			43	30
2571-17335	00000/0000	2-10021/1027	08/15/76	90	7962	4149N	11437W	50.5 125.6	GGGG			43	31
2571-17342	00000/0000	2-10021/1028	08/15/76	80	7962	4024N	11507W	51.1 123.7	GGGG			43	32
2571-17344	00000/0000	2-10021/1029	08/15/76	70	7962	3858N	11536W	51.6 121.7	GGGG			43	33
2571-17351	00000/0000	2-10021/1030	08/15/76	10	7962	3733N	11604W	52.1 119.7	GGGG			43	34
2571-17353	00000/0000	2-10021/1031	08/15/76	10	7962	3606N	11632W	52.5 117.7	GGGG			43	35
2571-17360	00000/0000	2-10021/1032	08/15/76	10	7962	3440N	11658W	52.9 115.7	GF GG			43	36
2571-17362	00000/0000	2-10021/1033	08/15/76	80	7962	3315N	11724W	53.3 113.6	GF GG			43	37
2571-17365	00000/0000	2-10021/1034	08/15/76	40	7962	3149N	11749W	53.6 111.5	GF GF			43	38
2571-19114	00000/0000	00000/0000	08/15/76	150	7963	6006N	13120W	40.4 148.3	GGGG			61	18
2571-19121	00000/0000	00000/0000	08/15/76	90	7963	5843N	13218W	41.3 146.6	GGGG			61	19
2571-19123	00000/0000	00000/0000	08/15/76	90	7963	5720N	13313W	42.2 144.9	GGGG			61	20
2571-19130	00000/0000	2-10021/1092	08/15/76	80	7963	5556N	13404W	43.1 143.2	GGGG			61	21
2571-19132	00000/0000	2-10021/1093	08/15/76	30	7963	5432N	13451W	44.0 141.5	GGGG			61	22
2572-15541	00000/0000	2-10021/1050	08/16/76	0	7975	4854N	08727W	47.0 134.9	GGGG			26	26
2572-15544	00000/0000	2-10021/1051	08/16/76	0	7975	4729N	08804W	47.7 133.1	GGGG			26	27
2572-15550	00000/0000	2-10021/1052	08/16/76	10	7975	4604N	08838W	48.4 131.4	GGGG			26	28
2572-15553	00000/0000	2-10021/1053	08/16/76	10	7975	4439N	08911W	49.1 129.6	GGGG			26	29
2572-15555	00000/0000	2-10021/1054	08/16/76	20	7975	4313N	08944W	49.7 127.7	GGGG			26	30
2572-15562	00000/0000	2-10021/1055	08/16/76	30	7975	4147N	09016W	50.3 125.9	GGGG			26	31
2572-15564	00000/0000	2-10021/1056	08/16/76	20	7975	4021N	09046W	50.9 124.0	GGGG			26	32
2572-15571	00000/0000	2-10021/1057	08/16/76	40	7975	3855N	09116W	51.4 122.0	GGGG			26	33
2572-15573	00000/0000	2-10021/1058	08/16/76	80	7975	3730N	09144W	51.9 120.1	GGGG			26	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, I=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0256

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS QUAL MODE	MSS DATA GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2572-15580	00000/0000 2-10021/1059	08/16/76	40	7975	3605N	09212W	52.4	118.1	GGGG			26	35
2572-15582	00000/0000 2-10021/1060	08/16/76	20	7975	3439N	09238W	52.8	116.0	GGGG			26	36
2572-15585	00000/0000 2-10021/1061	08/16/76	30	7975	3313N	09304W	53.1	114.0	GGGG			26	37
2572-15591	00000/0000 2-10021/1062	08/16/76	60	7975	3148N	09329W	53.4	111.9	GGGG			26	38
2572-15594	00000/0000 2-10021/1063	08/16/76	40	7975	3022N	09354W	53.7	109.8	FGGG			26	39
2572-16000	00000/0000 2-10021/1064	08/16/76	70	7975	2855N	09418W	53.9	107.7	GGGG			26	40
2572-16003	00000/0000 2-10021/1065	08/16/76	80	7975	2728N	09441W	54.1	105.5	FGGG			26	41
2572-16005	00000/0000 2-10021/1066	08/16/76	90	7975	2602N	09505W	54.2	103.4	FFFF			26	42
2572-17373	00000/0000 2-10021/1067	08/16/76	50	7976	4854N	11314W	46.9	134.9	GGGG			44	26
2572-17375	00000/0000 2-10021/1068	08/16/76	70	7976	4728N	11351W	47.7	133.2	GGGG			44	27
2572-17382	00000/0000 2-10021/1069	08/16/76	70	7976	4603N	11426W	48.4	131.4	GGGG			44	28
2572-17384	00000/0000 2-10021/1070	08/16/76	70	7976	4438N	11459W	49.1	129.6	GGGG			44	29
2572-17391	00000/0000 2-10021/1071	08/16/76	60	7976	4313N	11532W	49.7	127.8	GGGG			44	30
2572-17393	00000/0000 2-10021/1072	08/16/76	80	7976	4148N	11603W	50.3	125.9	GGGG			44	31
2572-17400	00000/0000 2-10021/1073	08/16/76	70	7976	4023N	11634W	50.9	124.0	GGFG			44	32
2572-17402	00000/0000 2-10021/1074	08/16/76	30	7976	3858N	11703W	51.4	122.1	GGGG			44	33
2572-17405	00000/0000 2-10021/1075	08/16/76	0	7976	3732N	11731W	51.9	120.1	GGGF			44	34
2572-17411	00000/0000 2-10021/1076	08/16/76	10	7976	3605N	11759W	52.4	118.1	GGGF			44	35
2572-17414	00000/0000 2-10021/1077	08/16/76	30	7976	3439N	11825W	52.8	116.1	GGGG			44	36
2572-17420	00000/0000 2-10021/1078	08/16/76	40	7976	3312N	11851W	53.1	114.0	GG G			44	37
2572-20572	00000/0000 2-10021/1079	08/16/76	50	7978	7051N	14644W	32.1	164.8	GGGG			80	10
2572-20574	00000/0000 2-10021/1080	08/16/76	90	7978	6934N	14848W	33.1	162.3	GGGG			80	11
2572-20581	00000/0000 2-10021/1081	08/16/76	90	7978	6815N	15037W	34.1	160.0	GGGG			80	12
2572-20583	00000/0000 2-10021/1082	08/16/76	50	7978	6655N	15217W	35.2	157.9	GGGG			80	13
2572-20590	00000/0000 2-10021/1083	08/16/76	90	7978	6535N	15347W	36.2	155.8	GGGG			80	14
2572-20592	00000/0000 2-10021/1084	08/16/76	100	7978	6414N	15509W	37.2	153.9	GGGG			80	15
2572-20595	00000/0000 2-10021/1085	08/16/76	80	7978	6252N	15623W	38.1	152.0	GGGG			80	16
2572-21001	00000/0000 2-10021/1086	08/16/76	80	7978	6130N	15732W	39.1	150.3	GGGG			80	17
2572-21004	00000/0000 2-10021/1087	08/16/76	70	7978	6008N	15834W	40.1	148.5	GGGG			80	18
2572-21010	00000/0000 2-10021/1088	08/16/76	50	7978	5845N	15932W	41.0	146.8	GGGG			80	19
2572-21013	00000/0000 2-10021/1089	08/16/76	90	7978	5722N	16026W	41.9	145.1	GGGG			80	20
2572-21015	00000/0000 2-10021/1090	08/16/76	60	7978	5558N	16117W	42.8	143.4	GGGG			80	21
2572-21022	00000/0000 2-10021/1091	08/16/76	70	7978	5434N	16204W	43.7	141.8	GGGG			80	22
2573-14170	00000/0000 2-10021/1094	08/17/76	50	7988	4730N	06339W	47.5	133.5	GGGG			9	27
2573-15595	00000/0000 2-10021/1095	08/17/76	10	7989	4856N	08851W	46.7	135.2	FGGG		H	27	26
2573-16002	00000/0000 2-10021/1096	08/17/76	20	7989	4731N	08928W	47.4	133.5	GGGG			27	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0257

OBSERVATION ID	MICROFILM POSITION RBV	RAIL NO./ IN RAIL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA	MSS MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2573-16004	00000/0000	2-10021/1097	08/17/76	10	7989	4606N	09003W	48.1	131.7	FGGG			27	28
2573-16011	00000/0000	2-10021/1098	08/17/76	30	7989	4440N	09037W	48.8	130.0	GGG			27	29
2573-16013	00000/0000	2-10021/1099	08/17/76	80	7989	4315N	09109W	49.5	128.1	GGFG			27	30
2573-16020	00000/0000	2-10021/1100	08/17/76	90	7989	4150N	09140W	50.1	126.3	GGFG			27	31
2573-16022	00000/0000	2-10021/1101	08/17/76	70	7989	4024N	09210W	50.7	124.4	GGGG			27	32
2573-16025	00000/0000	2-10021/1102	08/17/76	20	7989	3858N	09239W	51.2	122.5	GGG			27	33
2573-16031	00000/0000	2-10021/1103	08/17/76	10	7989	3733N	09307W	51.7	120.5	GGGG			27	34
2573-16034	00000/0000	2-10021/1104	08/17/76	20	7989	3607N	09335W	52.2	118.6	GGGG			27	35
2573-16040	00000/0000	2-10021/1105	08/17/76	20	7989	3441N	09402W	52.6	116.5	GGG			27	36
2573-16043	00000/0000	2-10021/1106	08/17/76	10	7989	3315N	09428W	53.0	114.5	GGG			27	37
2573-16045	00000/0000	2-10021/1118	08/17/76	30	7989	3149N	09453W	53.3	112.4	GGGG			27	38
2573-16052	00000/0000	2-10021/1119	08/17/76	60	7989	3022N	09517W	53.6	110.3	GGGG			27	39
2573-16054	00000/0000	2-10021/1120	08/17/76	70	7989	2856N	09541W	53.8	108.2	GGGG			27	40
2573-16061	00000/0000	2-10021/1121	08/17/76	80	7989	2730N	09605W	54.0	106.1	GGGG			27	41
2573-16063	00000/0000	2-10021/1122	08/17/76	100	7989	2604N	09628W	54.1	104.0	GGGG			27	42
2573-16070	00000/0000	2-10021/1123	08/17/76	90	7989	2437N	09650W	54.2	101.8	GGGG			27	43
2573-17431	00000/0000	2-10021/1107	08/17/76	60	7990	4855N	11440W	46.7	135.2	FGGG			45	26
2573-17434	00000/0000	2-10021/1108	08/17/76	50	7990	4730N	11517W	47.4	133.5	GGGG			45	27
2573-17440	00000/0000	2-10021/1109	08/17/76	30	7990	4605N	11553W	48.1	131.8	GGGG			45	28
2573-17443	00000/0000	2-10021/1110	08/17/76	50	7990	4441N	11626W	48.8	130.0	GGGG			45	29
2573-17445	00000/0000	2-10021/1111	08/17/76	40	7990	4316N	11659W	49.5	128.2	GGGG			45	30
2573-17452	00000/0000	2-10021/1112	08/17/76	80	7990	4151N	11730W	50.1	126.3	GGGG			45	31
2573-17454	00000/0000	2-10021/1113	08/17/76	90	7990	4025N	11800W	50.7	124.4	GGGG			45	32
2573-17461	00000/0000	2-10021/1114	08/17/76	100	7990	3859N	11829W	51.2	122.5	FGGG			45	33
2573-17463	00000/0000	2-10021/1115	08/17/76	40	7990	3733N	11857W	51.7	120.6	GGGG			45	34
2573-17470	00000/0000	2-10021/1116	08/17/76	20	7990	3607N	11924W	52.2	118.6	GGFG			45	35
2573-17472	00000/0000	2-10021/1117	08/17/76	30	7990	3441N	11951W	52.6	116.6	GGFG			45	36
2573-21030	00000/0000	2-10021/1124	08/17/76	20	7992	7050N	14807W	31.8	164.9	GGFF			81	10
2573-21033	00000/0000	2-10021/1125	08/17/76	60	7992	6933N	15010W	32.8	162.4	FGGF			81	11
2573-21035	00000/0000	2-10021/1126	08/17/76	90	7992	6814N	15201W	33.8	160.1	FGGF			81	12
2573-21042	00000/0000	2-10021/1127	08/17/76	60	7992	6654N	15342W	34.9	157.9	GGGG			81	13
2573-21044	00000/0000	2-10021/1128	08/17/76	40	7992	6534N	15512W	35.9	155.9	FFFF			81	14
2573-21051	00000/0000	2-10021/1129	08/17/76	60	7992	6413N	15632W	36.9	154.0	FFFF			81	15
2573-21053	00000/0000	2-10021/1130	08/17/76	90	7992	6251N	15746W	37.9	152.2	FFFF			81	16
2573-21060	00000/0000	2-10021/1131	08/17/76	100	7992	6129N	15854W	38.8	150.4	PFGP			81	17
2573-21062	00000/0000	2-10021/1132	08/17/76	100	7992	6007N	15957W	39.8	148.7	PFFF			81	18

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0258

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2573-21065	00000/0000 2-10021/1133	08/17/76	100	7992	5844N	16055W	40.7	147.0	FPGF			81	19
2573-21071	00000/0000 2-10021/1134	08/17/76	90	7992	5721N	16150W	41.6	145.3	FGGF			81	20
2573-21074	00000/0000 2-10021/1135	08/17/76	90	7992	5557N	16241W	42.5	143.6	FFGF			81	21
2573-21080	00000/0000 2-10021/1136	08/17/76	90	7992	5433N	16329W	43.4	142.0	GGGF			81	22
2573-21083	00000/0000 2-10021/1137	08/17/76	90	7992	5309N	16415W	44.2	140.3	GGGF			81	23
2574-14225	00000/0000 2-10021/1153	08/18/76	20	8002	4729N	06506W	47.2	133.7	GGGG			10	27
2574-14231	00000/0000 2-10021/1154	08/18/76	70	8002	4604N	06540W	47.9	132.0	GGGG			10	28
2574-14234	00000/0000 2-10021/1155	08/18/76	40	8002	4440N	06613W	48.6	130.2	GGGG			10	29
2574-14240	00000/0000 2-10021/1156	08/18/76	10	8002	4315N	06645W	49.3	128.4	GGGG			10	30
2574-16054	00000/0000 2-10021/1157	08/18/76	20	8003	4856N	09019W	46.4	135.5	GGGG			28	26
2574-16060	00000/0000 2-10021/1158	08/18/76	30	8003	4730N	09055W	47.2	133.8	GGGG			28	27
2574-16063	00000/0000 2-10021/1159	08/18/76	0	8003	4605N	09131W	47.9	132.0	GGGG			28	28
2574-16065	00000/0000 2-10021/1160	08/18/76	0	8003	4440N	09204W	48.6	130.3	GGGG			28	29
2574-16072	00000/0000 2-10021/1161	08/18/76	10	8003	4314N	09236W	49.3	128.5	GGGG			28	30
2574-16074	00000/0000 2-10021/1162	08/18/76	10	8003	4148N	09307W	49.9	126.6	GGGG			28	31
2574-16081	00000/0000 2-10021/1163	08/18/76	10	8003	4022N	09337W	50.5	124.8	GGGG			28	32
2574-16083	00000/0000 2-10021/1164	08/18/76	30	8003	3857N	09406W	51.0	122.9	GGGG			28	33
2574-16095	00000/0000 2-10021/1165	08/18/76	10	8003	3440N	09528W	52.4	117.0	GGGG			28	36
2574-16101	00000/0000 2-10021/1166	08/18/76	10	8003	3314N	09554W	52.8	114.9	GGGG			28	37
2574-16104	00000/0000 2-10021/1167	08/18/76	10	8003	3147N	09620W	53.1	112.9	GGGG			28	38
2574-16113	00000/0000 2-10021/1168	08/18/76	30	8003	2855N	09708W	53.7	108.7	FGGG			28	40
2574-16115	00000/0000 2-10021/1169	08/18/76	70	8003	2728N	09731W	53.9	106.6	GGGG			28	41
2574-16122	00000/0000 2-10021/1170	08/18/76	70	8003	2601N	09754W	54.0	104.5	FGGG			28	42
2574-17485	00000/0000 2-10021/1193	08/18/76	40	8004	4854N	11608W	46.4	135.5	GGGG			46	26
2574-17492	00000/0000 2-10021/1194	08/18/76	30	8004	4729N	11645W	47.2	133.8	GGGG			46	27
2574-17494	00000/0000 2-10021/1195	08/18/76	50	8004	4604N	11720W	47.9	132.0	GGGG			46	28
2574-17501	00000/0000 2-10021/1196	08/18/76	60	8004	4439N	11754W	48.6	130.3	GGFG			46	29
2574-17503	00000/0000 2-10021/1197	08/18/76	70	8004	4314N	11826W	49.2	128.5	GGFG			46	30
2574-17510	00000/0000 2-10021/1198	08/18/76	70	8004	4149N	11857W	49.9	126.7	GGGG			46	31
2574-17512	00000/0000 2-10021/1199	08/18/76	90	8004	4023N	11927W	50.5	124.8	GGGG			46	32
2574-17515	00000/0000 2-10021/1200	08/18/76	90	8004	3857N	11956W	51.0	122.9	FGFG			46	33
2574-17521	00000/0000 2-10021/1201	08/18/76	90	8004	3732N	12024W	51.5	121.0	GGFG			46	34
2574-17524	00000/0000 2-10021/1202	08/18/76	90	8004	3605N	12052W	52.0	119.0	GGFG			46	35
2574-17530	00000/0000 2-10021/1203	08/18/76	100	8004	3439N	12118W	52.4	117.0	GGGG			46	36
2574-17533	00000/0000 2-10021/1204	08/18/76	60	8004	3313N	12144W	52.8	115.0	GGGG			46	37
2574-21084	00000/0000 2-10021/1309	08/18/76	70	8006	7052N	14933W	31.4	165.0	FGGG			82	10

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0259

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2574-21091	00000/0000 2-10021/1310	08/18/76	60	8006	6935N	15137W	32.5	162.5			
2574-21093	00000/0000 2-10021/1311	08/18/76	70	8006	6817N	15327W	33.5	160.2	GGGG	82	11
2574-21100	00000/0000 2-10021/1312	08/18/76	50	8006	6657N	15507W	34.5	158.1	GGGG	82	12
2574-21102	00000/0000 2-10021/1313	08/18/76	40	8006	6536N	15638W	35.5	156.1	GGGG	82	13
2574-21105	00000/0000 2-10021/1314	08/18/76	70	8006	6415N	15800W	36.5	154.2	GGGG	82	14
2574-21111	00000/0000 2-10021/1315	08/18/76	80	8006	6253N	15915W	37.5	152.4	GGGG	82	15
2574-21114	00000/0000 2-10021/1316	08/18/76	80	8006	6131N	16023W	38.5	150.6	GGGG	82	16
2574-21120	00000/0000 2-10021/1317	08/18/76	90	8006	6009N	16125W	39.4	148.9	GGGG	82	17
2574-21125	00000/0000 2-10021/1318	08/18/76	80	8006	5722N	16319W	41.3	145.5	GGGG	82	18
2574-21132	00000/0000 2-10021/1319	08/18/76	90	8006	5558N	16409W	42.2	143.9	GGGG	82	20
2574-21134	00000/0000 2-10021/1320	08/18/76	70	8006	5434N	16457W	43.1	142.2	GGGG	82	21
2574-21141	00000/0000 2-10021/1321	08/18/76	60	8006	5311N	16542W	43.9	140.6	GGGG	82	22
2575-14283	00000/0000 2-10021/1205	08/19/76	0	8016	4732N	06632W	46.9	134.1	GGGG	82	23
2575-14285	00000/0000 2-10021/1206	08/19/76	0	8016	4606N	06707W	47.7	132.4	GGGG	11	27
2575-14292	00000/0000 2-10021/1207	08/19/76	10	8016	4441N	06741W	48.4	130.6	GGGG	11	28
2575-14301	00000/0000 2-10021/1208	08/19/76	30	8016	4315N	06812W	49.0	128.8	GGGG	11	29
2575-14303	00000/0000 2-10021/1209	08/19/76	60	8016	4150N	06843W	49.7	127.0	GGGG	11	30
2575-16112	00000/0000 2-10021/1210	08/19/76	90	8016	4024N	06913W	50.2	125.2	GGGG	11	31
2575-16114	00000/0000 2-10021/1211	08/19/76	60	8017	4858N	09145W	46.1	135.8	GGGG	11	32
2575-16121	00000/0000 2-10021/1212	08/19/76	40	8017	4732N	09222W	46.9	134.1	GGGG	29	26
2575-16123	00000/0000 2-10021/1213	08/19/76	10	8017	4607N	09257W	47.6	132.4	GGGG	29	27
2575-16130	00000/0000 2-10021/1214	08/19/76	0	8017	4441N	09331W	48.3	130.6	GGGG	29	28
2575-16132	00000/0000 2-10021/1215	08/19/76	0	8017	4315N	09403W	49.0	128.9	GGGG	29	29
2575-16135	00000/0000 2-10021/1216	08/19/76	0	8017	4150N	09433W	49.6	127.1	GGGG	29	30
2575-16141	00000/0000 2-10021/1217	08/19/76	0	8017	4025N	09503W	50.2	125.2	GGGG	29	31
2575-16144	00000/0000 2-10021/1218	08/19/76	0	8017	3859N	09532W	50.8	123.3	GGGG	29	32
2575-16150	00000/0000 2-10021/1219	08/19/76	0	8017	3734N	09559W	51.3	121.4	GGGG	29	33
2575-16153	00000/0000 2-10021/1220	08/19/76	0	8017	3608N	09627W	51.8	119.5	GGGG	29	34
2575-16155	00000/0000 2-10021/1221	08/19/76	0	8017	3442N	09654W	52.2	117.5	GGGG	29	35
2575-16162	00000/0000 2-10021/1222	08/19/76	10	8017	3315N	09720W	52.6	115.5	GGGG	29	36
2575-16164	00000/0000 2-10021/1223	08/19/76	10	8017	3149N	09745W	53.0	113.4	GGGG	29	37
2575-16171	00000/0000 2-10021/1138	08/19/76	10	8017	3073N	09810W	53.3	111.4	GGGG	29	38
2575-16173	00000/0000 2-10021/1139	08/19/76	20	8017	2857N	09834W	53.5	109.3	FFFF	29	39
2575-16180	00000/0000 2-10021/1140	08/19/76	40	8017	2731N	09857W	53.7	107.2	FFFF	29	40
2575-17544	00000/0000 2-10021/1141	08/19/76	70	8017	2604N	09921W	53.9	105.0	FFFF	29	41
	00000/0000 2-10021/1142	08/19/76	90	8018	4857N	11731W	46.1	135.8	FFFF	29	42
										47	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US

FROM 01/22/76 TO 01/22/77

PAGE 0260

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER NUMBER	SUN ELEV.	SUN AZIM.	PRINCIPAL POINT OF IMAGE LAT LANG	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2575-17550	00000/0000 2-10021/1143	08/19/76	90	8018	4732N	11808W	46.9 134.1	FFGF			
2575-17553	00000/0000 2-10021/1144	08/19/76	90	8018	4607N	11843W	47.6 132.4	FFFF		47	27
2575-17555	00000/0000 2-10021/1145	08/19/76	30	8018	4442N	11918W	48.3 130.7	FFFF		47	28
2575-17562	00000/0000 2-10021/1146	08/19/76	10	8018	4318N	11950W	49.0 128.9	FFFF		47	29
2575-17564	00000/0000 2-10021/1147	08/19/76	10	8018	4152N	12022W	49.6 127.1	FFGG		47	30
2575-17571	00000/0000 2-10021/1148	08/19/76	10	8018	4026N	12052W	50.2 125.2	FFGG		47	31
2575-17573	00000/0000 2-10021/1149	08/19/76	10	8018	3900N	12121W	50.8 123.3	FFGG		47	32
2575-17580	00000/0000 2-10021/1150	08/19/76	80	8018	3734N	12149W	51.3 121.4	FFFF		47	33
2575-17582	00000/0000 2-10021/1151	08/19/76	90	8018	3608N	12216W	51.8 119.5	FFFF		47	34
2575-17585	00000/0000 2-10021/1152	08/19/76	50	8018	3442N	12243W	52.2 117.5	FFGG		47	35
2575-21145	00000/0000 2-10022/0188	08/19/76	70	8020	6933N	15307W	32.2 162.6	GGGG		83	36
2575-21152	00000/0000 2-10022/0189	08/19/76	60	8020	6815N	15457W	33.2 160.3	GGGG		83	11
2575-21154	00000/0000 2-10022/0190	08/19/76	10	8020	6656N	15635W	34.2 158.2	FFFG		83	12
2575-21161	00000/0000 2-10022/0191	08/19/76	10	8020	6535N	15804W	35.2 156.2	FFGG		83	13
2575-21163	00000/0000 2-10022/0192	08/19/76	10	8020	6414N	15926W	36.2 154.3	FFGG		83	14
2575-21170	00000/0000 2-10022/0193	08/19/76	20	8020	6252N	16041W	37.2 152.5	GGGG		83	15
2575-21172	00000/0000 2-10022/0194	08/19/76	30	8020	6130N	16149W	38.2 150.7	FFGG		83	16
2575-21175	00000/0000 2-10022/0195	08/19/76	40	8020	6008N	16252W	39.2 149.0	FFFG		83	17
2575-21181	00000/0000 2-10022/0196	08/19/76	60	8020	5845N	16350W	40.1 147.3	FFGG		83	18
2575-21184	00000/0000 2-10022/0197	08/19/76	70	8020	5722N	16444W	41.0 145.7	GGGG		83	19
2575-21190	00000/0000 2-10022/0198	08/19/76	90	8020	5558N	16534W	41.9 144.1	GGGG		83	20
2575-21193	00000/0000 2-10022/0199	08/19/76	90	8020	5435N	16622W	42.8 142.4	GGGG		83	21
2575-21195	00000/0000 2-10022/0200	08/19/76	90	8020	5310N	16708W	43.7 140.8	GGGG		83	22
2576-14341	00000/0000 2-10022/0054	08/20/76	30	8030	4731N	06758W	46.7 134.4	GGGG		12	27
2576-14344	00000/0000 2-10022/0055	08/20/76	10	8030	4606N	06833W	47.4 132.7	GGGG		12	28
2576-14350	00000/0000 2-10022/0056	08/20/76	10	8030	4440N	06907W	48.1 130.9	GGGG		12	29
2576-14353	00000/0000 2-10022/0057	08/20/76	0	8030	4315N	06938W	48.8 129.2	FFGG		12	30
2576-14355	00000/0000 2-10022/0058	08/20/76	0	8030	4150N	07009W	49.4 127.4	GGGF		12	31
2576-14362	00000/0000 2-10022/0059	08/20/76	0	8030	4024N	07039W	50.0 125.5	FFGF		12	32
2576-14364	00000/0000 2-10022/0060	08/20/76	10	8030	3858N	07108W	50.6 123.7	FFFF		12	33
2576-14371	00000/0000 2-10022/0061	08/20/76	10	8030	3732N	07136W	51.1 121.8	FFFF		12	34
2576-14373	00000/0000 2-10022/0062	08/20/76	30	8030	3607N	07204W	51.6 119.8	GGGG		12	35
2576-16170	00000/0000 2-10022/0063	08/20/76	10	8031	4856N	09310W	45.9 136.1	FFGG		30	26
2576-16173	00000/0000 2-10022/0064	08/20/76	10	8031	4731N	09347W	46.7 134.4	GGGG		30	27
2576-16175	00000/0000 2-10022/0065	08/20/76	10	8031	4605N	09422W	47.4 132.7	GGGG		30	28
2576-16182	00000/0000 2-10022/0066	08/20/76	0	8031	4440N	09456W	48.1 131.0	GGGG		30	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0261

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO., IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2576-16184	00000/0000	2-10022/0067	08/20/76	0	8031	4315N	09528W	48.8	129.2	GGGG			30	30
2576-16191	00000/0000	2-10022/0068	08/20/76	0	8031	4149N	09559W	49.4	127.4	GGGG			30	31
2576-16193	00000/0000	2-10022/0069	08/20/76	0	8031	4023N	09629W	50.0	125.6	GGGG			30	32
2576-16202	00000/0000	2-10022/0070	08/20/76	10	8031	3732N	09726W	51.1	121.8	GGGG			30	34
2576-16205	00000/0000	2-10022/0071	08/20/76	10	8031	3606N	09753W	51.6	119.9	GGGG			30	35
2576-16211	00000/0000	2-10022/0072	08/20/76	10	8031	3440N	09820W	52.1	117.9	GGGG			30	36
2576-16214	00000/0000	2-10022/0073	08/20/76	20	8031	3314N	09846W	52.5	115.9	GGGG			30	37
2576-16220	00000/0000	2-10022/0074	08/20/76	30	8031	3148N	09912W	52.8	113.9	GGGG			30	38
2576-16223	00000/0000	2-10022/0075	08/20/76	30	8031	3022N	09937W	53.1	111.8	GGGG			30	39
2576-16225	00000/0000	2-10022/0076	08/20/76	40	8031	2856N	10001W	53.4	109.7	GGGG			30	40
2576-16232	00000/0000	2-10022/0077	08/20/76	60	8031	2730N	10025W	53.6	107.7	GGGG			30	41
2576-16234	00000/0000	2-10022/0078	08/20/76	70	8031	2604N	10047W	53.8	105.5	GGGG			30	42
2576-18002	00000/0000	2-10022/0117	08/20/76	50	8032	4855N	11900W	45.9	136.1	GGGG			48	26
2576-18004	00000/0000	2-10022/0118	08/20/76	10	8032	4731N	11937W	46.6	134.4	GGGG			48	27
2576-18011	00000/0000	2-10022/0119	08/20/76	10	8032	4607N	12012W	47.4	132.7	GGGG			48	28
2576-18013	00000/0000	2-10022/0120	08/20/76	70	8032	4442N	12046W	48.1	131.0	GGGG			48	29
2576-18020	00000/0000	2-10022/0121	08/20/76	10	8032	4316N	12118W	48.8	129.2	GGGG			48	30
2576-18022	00000/0000	2-10022/0122	08/20/76	0	8032	4150N	12150W	49.4	127.4	GGGG			48	31
2576-18025	00000/0000	2-10022/0123	08/20/76	0	8032	4024N	12220W	50.0	125.6	GGGG			48	32
2576-18031	00000/0000	2-10022/0124	08/20/76	10	8032	3859N	12248W	50.6	123.7	GGGG			48	33
2576-18034	00000/0000	2-10022/0125	08/20/76	30	8032	3733N	12316W	51.1	121.8	GGGG			48	34
2576-18040	00000/0000	2-10022/0126	08/20/76	80	8032	3606N	12343W	51.6	119.9	GGGG			48	35
2576-21201	00000/0000	2-10021/1358	08/20/76	80	8034	7051N	15228W	30.8	165.1	GGGG			84	10
2576-21204	00000/0000	2-10021/1359	08/20/76	20	8034	6933N	15433W	31.8	162.7	GGGG			84	11
2576-21210	00000/0000	2-10021/1360	08/20/76	10	8034	6814N	15623W	32.9	160.4	GGGG			84	12
2576-21213	00000/0000	2-10021/1361	08/20/76	10	8034	6654N	15802W	33.9	158.3	GGGG			84	13
2576-21215	00000/0000	2-10021/1362	08/20/76	20	8034	6534N	15931W	34.9	156.3	GGGG			84	14
2576-21222	00000/0000	2-10021/1363	08/20/76	10	8034	6413N	16052W	35.9	154.4	GGGG			84	15
2576-21224	00000/0000	2-10021/1364	08/20/76	40	8034	6251N	16206W	36.9	152.6	GGGG			84	16
2576-21231	00000/0000	2-10021/1365	08/20/76	30	8034	6129N	16314W	37.9	150.9	GGGG			84	17
2576-21233	00000/0000	2-10021/1366	08/20/76	90	8034	6007N	16418W	38.9	149.2	GGGG			84	18
2576-21240	00000/0000	2-10021/1367	08/20/76	90	8034	5843N	16517W	39.8	147.5	GGGG			84	19
2576-21242	00000/0000	2-10021/1368	08/20/76	90	8034	5720N	16612W	40.7	145.9	GGGG			84	20
2576-21245	00000/0000	2-10021/1369	08/20/76	90	8034	5556N	16703W	41.6	144.3	GGGG			84	21
2576-21251	00000/0000	2-10021/1370	08/20/76	90	8034	5432N	16751W	42.5	142.6	GGGG			84	22
2576-21254	00000/0000	2-10021/1371	08/20/76	70	8034	5303N	16836W	43.4	141.0	GGGG			84	23

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0262

OBSERVATION ID	MICROFILM POSITION IN ROW RBV	ROLL NO./ MSS	DATE ACQUIRED	CLSD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2576-21260	00000/0000	2-10021/1372	08/20/76	90	8034	5144N	16918W	44.2	139.4	GGGG			84	24
2577-14395	00000/0000	2-10021/1224	08/21/76	10	8044	4732N	06922W	46.4	134.7	GGGG			13	27
2577-14402	00000/0000	2-10021/1225	08/21/76	30	8044	4608N	06957W	47.1	133.0	GGGG			13	28
2577-14404	00000/0000	2-10021/1226	08/21/76	10	8044	4443N	07030W	47.8	131.3	FGGG			13	29
2577-14411	00000/0000	2-10021/1227	08/21/76	10	8044	4318N	07102W	48.5	129.6	FFGG			13	30
2577-14413	00000/0000	2-10021/1228	08/21/76	10	8044	4152N	07133W	49.2	127.8	FFFG			13	31
2577-14434	00000/0000	2-10021/1229	08/21/76	90	8044	3443N	07356W	51.9	118.4	FFFF			13	36
2577-14440	00000/0000	2-10021/1230	08/21/76	90	8044	3317N	07422W	52.3	116.4	FFFF			13	37
2577-14443	00000/0000	2-10021/1231	08/21/76	90	8044	3151N	07448W	52.7	114.4	FFFF			13	38
2577-16224	00000/0000	2-10021/1232	08/21/76	10	8045	4858N	09436W	45.6	136.4	G GG			31	26
2577-16231	00000/0000	2-10021/1233	08/21/76	10	8045	4733N	09512W	46.4	134.7	F GG			31	27
2577-16233	00000/0000	2-10021/1234	08/21/76	10	8045	4607N	09547W	47.1	133.1	GGGG			31	28
2577-16240	00000/0000	2-10021/1235	08/21/76	10	8045	4442N	09620W	47.8	131.3	GGGG			31	29
2577-16242	00000/0000	2-10021/1236	08/21/76	10	8045	4317N	09652W	48.5	129.6	GGGG			31	30
2577-16245	00000/0000	2-10021/1237	08/21/76	10	8045	4151N	09723W	49.2	127.8	GGGG			31	31
2577-16251	00000/0000	2-10021/1238	08/21/76	0	8045	4005N	09753W	49.8	126.0	GGGG			31	32
2577-16254	00000/0000	2-10021/1239	08/21/76	0	8045	3900N	09822W	50.4	124.2	GGGG			31	33
2577-16260	00000/0000	2-10021/1240	08/21/76	0	8045	3735N	09850W	50.9	122.3	GGGG			31	34
2577-16263	00000/0000	2-10021/1241	08/21/76	10	8045	3609N	09918W	51.4	120.4	GGGG			31	35
2577-16265	00000/0000	2-10021/1242	08/21/76	10	8045	3443N	09945W	51.9	118.4	GGGG			31	36
2577-16272	00000/0000	2-10021/1243	08/21/76	10	8045	3317N	10011W	52.3	116.4	GGGG			31	37
2577-16274	00000/0000	2-10021/1244	08/21/76	10	8045	3151N	10037W	52.6	114.4	GGGG			31	38
2577-16281	00000/0000	2-10021/1245	08/21/76	10	8045	3025N	10102W	53.0	112.4	GGGG			31	39
2577-16283	00000/0000	2-10021/1246	08/21/76	20	8045	2858N	10126W	53.3	110.3	GGGG			31	40
2577-16290	00000/0000	2-10021/1247	08/21/76	30	8045	2732N	10150W	53.5	108.2	GGGG			31	41
2577-18060	00000/0000	2-10021/1263	08/21/76	40	8046	4844N	12025W	45.6	136.4	GGGG			49	26
2577-18063	00000/0000	2-10021/1264	08/21/76	10	8046	4733N	12102W	46.4	134.8	GGGG			49	27
2577-18065	00000/0000	2-10021/1265	08/21/76	10	8046	4608N	12137W	47.1	133.1	GGGG			49	28
2577-18072	00000/0000	2-10021/1266	08/21/76	10	8046	4443N	12211W	47.8	131.4	GGGG			49	29
2577-18074	00000/0000	2-10021/1267	08/21/76	10	8046	4318N	12243W	48.5	129.6	GGGG			49	30
2577-18081	00000/0000	2-10021/1268	08/21/76	10	8046	4152N	12314W	49.1	127.8	GGGG			49	31
2577-18083	00000/0000	2-10021/1269	08/21/76	30	8046	4027N	12345W	49.8	126.0	GGGG			49	32
2577-21255	00000/0000	2-10021/1248	08/21/76	80	8048	7052N	15350W	30.4	165.3	GGGG			85	10
2577-21262	00000/0000	2-10021/1249	08/21/76	80	8048	6935N	15554W	31.5	162.8	GGGG			85	11
2577-21264	00000/0000	2-10021/1250	08/21/76	70	8048	6816N	15744W	32.5	160.6	FGGG			85	12
2577-21271	00000/0000	2-10021/1251	08/21/76	50	8048	6657N	15923W	33.6	158.5	FGGG			85	13

KEYS: CLSD COVER % ..... 0 TO 100 % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION IO LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0263

OBSERVATION ID	MICROFILM RELI NR./ POSITION IN RELI RBV	RELI NR. MSS	DATE ACQUIRED	CLCUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2577-21273	00000/0000	2-10021/1252	08/21/76	70	8048	6537N	16053W	34.6	156.5	FGGG			85	14
2577-21280	00000/0000	2-10021/1253	08/21/76	40	8048	6415N	16215W	35.6	154.6	FGGG			85	15
2577-21282	00000/0000	2-10021/1254	08/21/76	30	8048	6254N	16329W	36.6	152.8	GGGG			85	16
2577-21285	00000/0000	2-10021/1255	08/21/76	20	8048	6131N	16438W	37.6	151.1	FFGG			85	17
2577-21291	00000/0000	2-10021/1256	08/21/76	40	8048	6009N	16541W	38.5	149.4	GGGG			85	18
2577-21294	00000/0000	2-10021/1257	08/21/76	50	8048	5846N	16640W	39.5	147.7	GGGG			85	19
2577-21300	00000/0000	2-10021/1258	08/21/76	60	8048	5723N	16735W	40.4	146.1	GGGG			85	20
2577-21303	00000/0000	2-10021/1259	08/21/76	70	8048	5559N	16826W	41.3	144.5	GGGG			85	21
2577-21305	00000/0000	2-10021/1260	08/21/76	90	8048	5435N	16914W	42.2	142.9	FGGG			85	22
2577-21312	00000/0000	2-10021/1261	08/21/76	90	8048	5310N	16959W	43.1	141.3	GGGG			85	23
2577-21314	00000/0000	2-10021/1262	08/21/76	90	8048	5146N	17042W	43.9	139.7	FGGG			85	24
2578-14454	00000/0000	2-10021/1171	08/22/76	40	8058	4731N	07050W	46.1	135.0	PGGG			14	27
2578-14460	00000/0000	2-10021/1172	08/22/76	30	8058	4606N	07125W	46.9	133.3	PGGG			14	28
2578-14463	00000/0000	2-10021/1173	08/22/76	10	8058	4440N	07159W	47.6	131.6	FGGG			14	29
2578-14465	00000/0000	2-10021/1174	08/22/76	10	8058	4315N	07231W	48.3	129.9	FGGG			14	30
2578-14472	00000/0000	2-10021/1175	08/22/76	10	8058	4150N	07302W	49.0	128.1	FGGG			14	31
2578-14474	00000/0000	2-10021/1176	08/22/76	0	8058	4025N	07332W	49.6	126.3	FPGG			14	32
2578-14481	00000/0000	2-10021/1177	08/22/76	10	8058	3859N	07401W	50.2	124.5	FPGG			14	33
2578-14483	00000/0000	2-10021/1178	08/22/76	30	8058	3734N	07429W	50.7	122.6	FGGG			14	34
2578-14490	00000/0000	2-10021/1179	08/22/76	30	8058	3608N	07457W	51.2	120.7	GFFF			14	35
2578-14492	00000/0000	2-10021/1180	08/22/76	40	8058	3442N	07524W	51.7	118.8	GGGG			14	36
2578-14495	00000/0000	2-10021/1181	08/22/76	60	8058	3315N	07550W	52.1	116.8	GGGG			14	37
2578-14501	00000/0000	2-10021/1182	08/22/76	60	8058	3150N	07615W	52.5	114.8	GGGG			14	38
2578-14504	00000/0000	2-10021/1183	08/22/76	50	8058	3023N	07640W	52.8	112.8	GGGG			14	39
2578-14510	00000/0000	2-10021/1184	08/22/76	60	8058	2857N	07704W	53.1	110.8	GGGG			14	40
2578-14513	00000/0000	2-10021/1185	08/22/76	90	8058	2730N	07728W	53.4	108.7	FFFG			14	41
2578-16283	00000/0000	2-10021/1186	08/22/76	10	8059	4856N	09601W	45.3	136.7	GGGG			32	26
2578-16285	00000/0000	2-10021/1187	08/22/76	0	8059	4732N	09638W	46.1	135.0	GGGG			32	27
2578-16292	00000/0000	2-10021/1188	08/22/76	10	8059	4606N	09713W	46.9	133.3	GGGG			32	28
2578-16294	00000/0000	2-10021/1189	08/22/76	10	8059	4441N	09746W	47.6	131.7	GGGG			32	29
2578-16301	00000/0000	2-10021/1190	08/22/76	0	8059	4316N	09819W	48.3	129.9	GGGG			32	30
2578-16303	00000/0000	2-10021/1191	08/22/76	10	8059	4150N	09850W	48.9	128.2	GGGG			32	31
2578-16310	00000/0000	2-10021/1192	08/22/76	10	8059	4025N	09920W	49.6	126.4	GGGG			32	32
2578-16312	00000/0000	2-10021/1300	08/22/76	10	8059	3859N	09950W	50.1	124.5	GGGG			32	33
2578-16315	00000/0000	2-10021/1301	08/22/76	10	8059	3733N	10018W	50.7	122.7	GGGG			32	34
2578-16321	00000/0000	2-10021/1302	08/22/76	10	8059	3607N	10045W	51.2	120.8	GGGG			32	35

KEYS: CLCUD COVER % ..... 0 TO 100 = % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0264

OBSERVATION ID	MICROFILM REEL NR./ POSITION IN REEL RBV	DATE ACQUIRED	CLOUD COVER	SUN ELEV.	SUN AZIM.	IMAGE QUAL	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER	
2578-16324	00000/0000 2-10021/1303	08/22/76	20	8059	3442N	10112W	51.7	118.8	GGGG	32	36
2578-16330	00000/0000 2-10021/1304	08/22/76	10	8059	3316N	10138W	52.1	116.9	GGGG	32	37
2578-16333	00000/0000 2-10021/1305	08/22/76	10	8059	3151N	10203W	52.5	114.9	GGGG	32	38
2578-16335	00000/0000 2-10021/1306	08/22/76	20	8059	3024N	10228W	52.8	112.9	GGGG	32	39
2578-16342	00000/0000 2-10021/1307	08/22/76	20	8059	2857N	10253W	53.1	110.8	GGGG	32	40
2578-16344	00000/0000 2-10021/1308	08/22/76	10	8059	2731N	10317W	53.4	108.7	GGGG	32	41
2578-18114	00000/0000 2-10022/0016	08/22/76	60	8060	4856N	12150W	45.3	136.7	GGGG	50	26
2578-18121	00000/0000 2-10022/0017	08/22/76	70	8060	4731N	12227W	46.1	135.0	GGGG	50	27
2578-18123	00000/0000 2-10022/0018	08/22/76	30	8060	4606N	12302W	46.8	133.4	GGGG	50	28
2578-18130	00000/0000 2-10022/0019	08/22/76	20	8060	4441N	12336W	47.6	131.7	GGGG	50	29
2578-18132	00000/0000 2-10022/0020	08/22/76	40	8060	4316N	12408W	48.3	129.9	GGGG	50	30
2578-18135	00000/0000 2-10022/0021	08/22/76	70	8060	4150N	12440W	48.9	128.2	GGGG	50	31
2578-18141	00000/0000 2-10022/0022	08/22/76	80	8060	4024N	12510W	49.5	126.4	GGGG	50	32
2578-18144	00000/0000 2-10022/0023	08/22/76	80	8060	3859N	12539W	50.1	124.6	GGGG	50	33
2578-21313	00000/0000 2-10021/1270	08/22/76	40	8062	7055N	15511W	30.1	165.5	GGGG	86	10
2578-21320	00000/0000 2-10021/1271	08/22/76	30	8062	6937N	15716W	31.1	163.0	GGGG	86	11
2578-21322	00000/0000 2-10021/1272	08/22/76	90	8062	6818N	15907W	32.2	160.8	GGGG	86	12
2578-21325	00000/0000 2-10021/1273	08/22/76	90	8062	6659N	16047W	33.2	158.6	GGGG	86	13
2578-21331	00000/0000 2-10021/1274	08/22/76	90	8062	6539N	16218W	34.2	156.7	GGGG	86	14
2578-21340	00000/0000 2-10021/1275	08/22/76	30	8062	6255N	16455W	36.2	153.0	GGGG	86	15
2578-21343	00000/0000 2-10021/1276	08/22/76	20	8062	6134N	16602W	37.2	151.3	GGGG	86	16
2578-21345	00000/0000 2-10021/1277	08/22/76	40	8062	6011N	16706W	38.2	149.6	GGGG	86	17
2578-21352	00000/0000 2-10021/1278	08/22/76	90	8062	5848N	16805W	39.1	148.0	GGGG	86	18
2578-21354	00000/0000 2-10021/1279	08/22/76	90	8062	5724N	16900W	40.1	146.4	GGGG	86	19
2578-21361	00000/0000 2-10021/1280	08/22/76	90	8062	5600N	16951W	41.0	144.8	GGGG	86	20
2578-21363	00000/0000 2-10021/1281	08/22/76	90	8062	5437N	17040W	41.9	143.2	GGGG	86	21
2578-21370	00000/0000 2-10021/1282	08/22/76	90	8062	5313N	17125W	42.8	141.0	GGGG	86	22
2578-21372	00000/0000 2-10021/1283	08/22/76	90	8062	5148N	17208W	43.6	140.0	GGGG	86	23
2579-14512	00000/0000 2-10021/1322	08/23/76	80	8072	4733N	07215W	45.8	135.3	GGGG	15	24
2579-14514	00000/0000 2-10021/1323	08/23/76	40	8072	4608N	07250W	46.6	133.7	GGGG	15	25
2579-14521	00000/0000 2-10021/1324	08/23/76	50	8072	4443N	07324W	47.3	132.0	GGGG	15	26
2579-14523	00000/0000 2-10021/1325	08/23/76	40	8072	4318N	07356W	48.0	130.3	GGGG	15	27
2579-14530	00000/0000 2-10021/1326	08/23/76	10	8072	4153N	07427W	48.7	128.5	GGGG	15	28
2579-14532	00000/0000 2-10021/1327	08/23/76	0	8072	4026N	07457W	49.3	126.8	GGGG	15	29
2579-14535	00000/0000 2-10021/1328	08/23/76	10	8072	3901N	07526W	49.9	125.0	GGGG	15	30
2579-14541	00000/0000 2-10021/1329	08/23/76	10	8072	3735N	07554W	50.5	123.1	GGGG	15	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0265

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME RBW NUMBER
2579-14544	00000/0000	2-10021/1330	08/23/76	10	8072	3609N	07621W	51.0	121.2	GGGG			15	35
2579-14550	00000/0000	2-10021/1331	08/23/76	40	8072	3443N	07647W	51.5	119.3	GGGG			15	36
2579-14553	00000/0000	2-10021/1332	08/23/76	50	8072	3317N	07713W	51.9	117.4	GGGG			15	37
2579-14555	00000/0000	2-10021/1333	08/23/76	40	8072	3151N	07738W	52.3	115.4	GGGG			15	38
2579-14562	00000/0000	2-10021/1334	08/23/76	50	8072	3025N	07803W	52.7	113.4	GGGG			15	39
2579-14564	00000/0000	2-10021/1335	08/23/76	70	8072	2859N	07828W	53.0	111.3	GGGG			15	40
2579-14571	00000/0000	2-10021/1336	08/23/76	70	8072	2733N	07852W	53.2	109.3	GGGG			15	41
2579-14573	00000/0000	2-10021/1337	08/23/76	70	8072	2606N	07916W	53.4	107.2	GGGG			15	42
2579-14580	00000/0000	2-10021/1338	08/23/76	30	8072	2439N	07939W	53.6	105.1	GGGG			15	43
2579-16341	00000/0000	2-10021/1284	08/23/76	10	8073	4858N	09725W	45.0	137.0	GGGG			33	26
2579-16343	00000/0000	2-10021/1285	08/23/76	10	8073	4733N	09802W	45.8	135.4	GGGG			33	27
2579-16350	00000/0000	2-10021/1286	08/23/76	0	8073	4608N	09838W	46.6	133.7	GGGG			33	28
2579-16352	00000/0000	2-10021/1287	08/23/76	0	8073	4443N	09912W	47.3	132.0	GGGG			33	29
2579-16355	00000/0000	2-10021/1288	08/23/76	0	8073	4318N	09944W	48.0	130.3	GGGG			33	30
2579-16361	00000/0000	2-10021/1289	08/23/76	0	8073	4152N	10015W	48.7	128.6	GGGG			33	31
2579-16364	00000/0000	2-10021/1290	08/23/76	0	8073	4027N	10045W	49.3	126.8	GGGG			33	32
2579-16370	00000/0000	2-10021/1291	08/23/76	10	8073	3901N	10114W	49.9	125.0	GGGG			33	33
2579-16373	00000/0000	2-10021/1292	08/23/76	10	8073	3735N	10142W	50.5	123.1	GGGG			33	34
2579-16375	00000/0000	2-10021/1293	08/23/76	30	8073	3609N	10210W	51.0	121.3	GGGG			33	35
2579-16382	00000/0000	2-10021/1294	08/23/76	20	8073	3443N	10237W	51.5	119.3	GGGG			33	36
2579-16384	00000/0000	2-10021/1295	08/23/76	10	8073	3318N	10303W	51.9	117.4	GGGG			33	37
2579-16391	00000/0000	2-10021/1296	08/23/76	10	8073	3152N	10329W	52.3	115.4	GGGG			33	38
2579-16393	00000/0000	2-10021/1297	08/23/76	20	8073	3026N	10353W	52.7	113.4	GGGG			33	39
2579-16400	00000/0000	2-10021/1298	08/23/76	10	8073	2859N	10417W	53.0	111.4	GGGG			33	40
2579-16402	00000/0000	2-10021/1299	08/23/76	10	8073	2731N	10441W	53.2	109.3	GGGG			33	41
2579-18173	00000/0000	2-10021/1339	08/23/76	90	8074	4858N	12316W	45.0	137.0	GGGG			51	26
2579-18175	00000/0000	2-10021/1340	08/23/76	90	8074	4733N	12353W	45.8	135.4	GGGG			51	27
2579-18182	00000/0000	2-10021/1341	08/23/76	100	8074	4607N	12428W	46.6	133.7	GGGG			51	28
2579-18191	00000/0000	2-10021/1342	08/23/76	90	8074	4317N	12534W	48.0	130.3	GGGG			51	30
2580-14570	00000/0000	2-10022/0127	08/24/76	10	8086	4732N	07343W	45.6	135.6	GGGG			16	27
2580-14573	00000/0000	2-10022/0128	08/24/76	10	8086	4607N	07418W	46.4	134.0	GGGG			16	28
2580-14575	00000/0000	2-10022/0129	08/24/76	10	8086	4442N	07451W	47.1	132.3	GGGG			16	29
2580-14582	00000/0000	2-10022/0130	08/24/76	20	8086	4317N	07524W	47.8	130.6	GGGG			16	30
2580-14584	00000/0000	2-10022/0131	08/24/76	20	8086	4151N	07555W	48.5	128.9	GGGG			16	31
2580-14591	00000/0000	2-10022/0132	08/24/76	20	8086	4025N	07625W	49.1	127.1	GGGG			16	32
2580-14593	00000/0000	2-10022/0133	08/24/76	30	8086	3859N	07654W	49.7	125.3	GGGG			16	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0266

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2580-15000	00000/0000	2-10022/0134	08/24/76	10	8086	3733N	07722W	50.3	123.5	GGGG			16	34
2580-15002	00000/0000	2-10022/0135	08/24/76	20	8086	3607N	07749W	50.8	121.6	GGGG			16	35
2580-15005	00000/0000	2-10022/0136	08/24/76	50	8086	3441N	07815W	51.3	119.7	GGGG			16	36
2580-15011	00000/0000	2-10022/0137	08/24/76	40	8086	3315N	07841W	51.8	117.8	GGGG			16	37
2580-15014	00000/0000	2-10022/0138	08/24/76	30	8086	3149N	07906W	52.2	115.8	GGGG			16	38
2580-15020	00000/0000	2-10022/0139	08/24/76	50	8086	3023N	07931W	52.5	113.8	GGGG			16	39
2580-15023	00000/0000	2-10022/0140	08/24/76	60	8086	2857N	07956W	52.8	111.8	GGGG			16	40
2580-15025	00000/0000	2-10022/0141	08/24/76	50	8086	2730N	08020W	53.1	109.8	GGGG			16	41
2580-15032	00000/0000	2-10022/0142	08/24/76	60	8086	2603N	08044W	53.3	107.7	GGGG			16	42
2580-15034	00000/0000	2-10022/0143	08/24/76	40	8086	2437N	08107W	53.5	105.6	GGGG			16	43
2580-16395	00000/0000	2-10021/1343	08/24/76	10	8087	4857N	09853W	44.8	137.3	GGGG			34	26
2580-16402	00000/0000	2-10021/1344	08/24/76	10	8087	4731N	09930W	45.6	135.6	GGGG			34	27
2580-16404	00000/0000	2-10021/1345	08/24/76	10	8087	4606N	10005W	46.3	134.0	GGGG			34	28
2580-16411	00000/0000	2-10021/1346	08/24/76	20	8087	4441N	10039W	47.1	132.3	GGGG			34	29
2580-16413	00000/0000	2-10021/1347	08/24/76	30	8087	4316N	10112W	47.8	130.6	GGGG			34	30
2580-16420	00000/0000	2-10021/1348	08/24/76	30	8087	4150N	10143W	48.4	128.9	GGGG			34	31
2580-16422	00000/0000	2-10021/1349	08/24/76	30	8087	4024N	10213W	49.1	127.2	GGGG			34	32
2580-16425	00000/0000	2-10021/1350	08/24/76	10	8087	3859N	10242W	49.7	125.4	GGGG			34	33
2580-16431	00000/0000	2-10021/1351	08/24/76	20	8087	3733N	10310W	50.3	123.5	GGGG			34	34
2580-16434	00000/0000	2-10021/1352	08/24/76	10	8087	3607N	10337W	50.8	121.7	GGGG			34	35
2580-16440	00000/0000	2-10021/1353	08/24/76	10	8087	3442N	10403W	51.3	119.8	GGGG			34	36
2580-16443	00000/0000	2-10021/1354	08/24/76	90	8087	3316N	10429W	51.7	117.8	GGGG			34	37
2580-16445	00000/0000	2-10021/1355	08/24/76	40	8087	3149N	10454W	52.2	115.9	GGGG			34	38
2580-16452	00000/0000	2-10021/1356	08/24/76	10	8087	3022N	10519W	52.5	113.9	GGGG			34	39
2580-16454	00000/0000	2-10021/1357	08/24/76	10	8087	2856N	10543W	52.8	111.9	GGGG			34	40
2580-18231	00000/0000	2-10021/1373	08/24/76	70	8088	4856N	12442W	44.8	137.3	GGGG			52	26
2580-18233	00000/0000	2-10021/1374	08/24/76	50	8088	4731N	12519W	45.6	135.7	GGGG			52	27
2580-18240	00000/0000	2-10021/1375	08/24/76	60	8088	4606N	12554W	46.3	134.0	GGGG			52	28
2580-21423	00000/0000	2-10021/1376	08/24/76	100	8090	7211N	15549W	28.3	168.4	GGGG			88	9
2580-21430	00000/0000	2-10021/1377	08/24/76	90	8090	7054N	15810W	29.4	165.7	GGGG			88	10
2580-21432	00000/0000	2-10021/1378	08/24/76	70	8090	6938N	16014W	30.5	163.2	GGGG			88	11
2580-21435	00000/0000	2-10021/1379	08/24/76	90	8090	6820N	16205W	31.5	161.0	GGGG			88	12
2580-21441	00000/0000	2-10021/1380	08/24/76	90	8090	6700N	16345W	32.5	158.9	GGGG			88	13
2580-21444	00000/0000	2-10021/1381	08/24/76	90	8090	6539N	16516W	33.6	157.0	GGGG			88	14
2580-21450	00000/0000	2-10021/1382	08/24/76	90	8090	6417N	16637W	34.6	155.1	GGGG			88	15
2580-21453	00000/0000	2-10021/1383	08/24/76	90	8090	6256N	16750W	35.6	153.3	GGGG			88	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0267

OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER PERCENT	SUNBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE QUAL RRV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2580-21455	00000/0000 2-10021/1384	08/24/76	100	8090	6133N	36.6	151.6	GFGG			88	17
2580-21462	00000/0000 2-10021/1385	08/24/76	100	8090	6011N	37.6	150.0	GGGG			88	18
2580-21464	00000/0000 2-10021/1386	08/24/76	100	8090	5848N	38.5	148.4	GGGG			88	19
2580-21471	00000/0000 2-10021/1387	08/24/76	100	8090	5724N	39.5	146.8	GGGG			88	20
2580-21473	00000/0000 2-10021/1388	08/24/76	90	8090	5600N	40.4	145.2	GGGG			88	21
2580-21480	00000/0000 2-10021/1389	08/24/76	100	8090	5497N	41.3	143.6	GGGG			88	22
2580-21482	00000/0000 2-10021/1390	08/24/76	90	8090	5313N	42.2	142.1	GGGG			88	23
2580-21485	00000/0000 2-10021/1391	08/24/76	90	8090	5148N	43.0	140.5	GGGG			88	24
2581-15024	00000/0000 2-10021/1406	08/25/76	10	8100	4733N	45.3	136.0	FFGG			17	27
2581-15031	00000/0000 2-10021/1407	08/25/76	10	8100	4608N	46.1	134.3	GGGG			17	28
2581-15033	00000/0000 2-10021/1408	08/25/76	10	8100	4443N	46.8	132.7	GGGG			17	29
2581-15040	00000/0000 2-10021/1409	08/25/76	10	8100	4317N	47.5	131.0	GGGG			17	30
2581-15042	00000/0000 2-10021/1410	08/25/76	30	8100	4151N	48.2	129.3	GGGG			17	31
2581-15045	00000/0000 2-10021/1411	08/25/76	50	8100	4026N	48.9	127.6	GGGG			17	32
2581-15051	00000/0000 2-10021/1412	08/25/76	20	8100	3901N	49.5	125.8	GFGG			17	33
2581-15054	00000/0000 2-10021/1413	08/25/76	30	8100	3735N	50.1	124.0	GGGG			17	34
2581-15060	00000/0000 2-10021/1414	08/25/76	60	8100	3609N	50.6	122.1	GGGG			17	35
2581-15063	00000/0000 2-10021/1415	08/25/76	50	8100	3443N	51.1	120.2	GGGG			17	36
2581-15065	00000/0000 2-10021/1416	08/25/76	60	8100	3317N	51.6	118.3	GGGG			17	37
2581-15072	00000/0000 2-10021/1417	08/25/76	30	8100	3151N	52.0	116.4	GGGG			17	38
2581-15074	00000/0000 2-10021/1418	08/25/76	30	8100	3025N	52.4	114.4	GGGG			17	39
2581-15081	00000/0000 2-10021/1419	08/25/76	30	8100	2859N	52.7	112.4	GGGG			17	40
2581-15083	00000/0000 2-10021/1420	08/25/76	30	8100	2733N	53.0	110.3	GGGG			17	41
2581-15090	00000/0000 2-10021/1421	08/25/76	30	8100	2606N	53.2	108.3	GGGG			17	42
2581-15092	00000/0000 2-10021/1422	08/25/76	20	8100	2439N	53.4	106.2	GGGG			17	43
2581-16453	00000/0000 2-10021/1392	08/25/76	90	8101	4858N	44.5	137.6	GGGG			35	26
2581-16460	00000/0000 2-10021/1393	08/25/76	90	8101	4733N	45.3	136.0	GGGG			35	27
2581-16462	00000/0000 2-10021/1394	08/25/76	20	8101	4608N	46.1	134.4	GGGG			35	28
2581-16465	00000/0000 2-10021/1395	08/25/76	10	8101	4443N	46.8	132.7	GGGG			35	29
2581-16471	00000/0000 2-10021/1396	08/25/76	10	8101	4317N	47.5	131.0	GGGG			35	30
2581-16474	00000/0000 2-10021/1397	08/25/76	0	8101	4151N	48.2	129.3	GGGG			35	31
2581-16480	00000/0000 2-10021/1398	08/25/76	0	8101	4027N	48.8	127.6	GGGG			35	32
2581-16483	00000/0000 2-10021/1399	08/25/76	10	8101	3901N	49.5	125.8	GGGG			35	33
2581-16485	00000/0000 2-10021/1400	08/25/76	10	8101	3735N	50.0	124.0	GGGG			35	34
2581-16492	00000/0000 2-10021/1401	08/25/76	10	8101	3609N	50.6	122.2	GGGG			35	35
2581-16494	00000/0000 2-10021/1402	08/25/76	10	8101	3443N	51.1	120.3	GGGG			35	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION: ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 026R

OBSERVATION ID	MICROFILM POSITION RRV	RAII NR./ IN RAII MSS	DATE ACQUIRED	CLBUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RRV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2581-16501	00000/0000	2-10021/1403	08/25/76	10	8101	3317N	10557W	51.6	118.4	GGGG			35	37
2581-16503	00000/0000	2-10021/1404	08/25/76	20	8101	3151N	10622W	52.0	116.4	GGGG			35	38
2581-16510	00000/0000	2-10021/1405	08/25/76	30	8101	3024N	10646W	52.3	114.4	GGGG			35	39
2581-21484	00000/0000	2-10022/0144	08/25/76	10	8104	7053N	15937W	29.1	165.7	GGGG			89	10
2581-21491	00000/0000	2-10022/0145	08/25/76	30	8104	6936N	16141W	30.1	163.3	GGGG			89	11
2581-21493	00000/0000	2-10022/0146	08/25/76	40	8104	6817N	15932W	31.2	161.1	GGGG			89	12
2581-21500	00000/0000	2-10022/0147	08/25/76	30	8104	6657N	16511W	32.2	159.0	GGGG			89	13
2581-21502	00000/0000	2-10022/0148	08/25/76	50	8104	6537N	16640W	33.3	157.0	GGGG			89	14
2581-21505	00000/0000	2-10022/0149	08/25/76	60	8104	6416N	16801W	34.3	155.2	GGGG			89	15
2581-21511	00000/0000	2-10022/0150	08/25/76	80	8104	6254N	16915W	35.3	153.5	GGGG			89	16
2581-21514	00000/0000	2-10022/0151	08/25/76	90	8104	6131N	17024W	36.3	151.8	GGGG			89	17
2581-21520	00000/0000	2-10022/0152	08/25/76	90	8104	6009N	17127W	37.3	150.1	GGGG			89	18
2581-21523	00000/0000	2-10022/0153	08/25/76	90	8104	5846N	17225W	38.2	148.5	GGGG			89	19
2581-21525	00000/0000	2-10022/0154	08/25/76	90	8104	5723N	17320W	39.2	147.0	GGGG			89	20
2581-21532	00000/0000	2-10022/0155	08/25/76	80	8104	5559N	17412W	40.1	145.4	GGGG			89	21
2581-21534	00000/0000	2-10022/0156	08/25/76	80	8104	5435N	17500W	41.0	143.8	GGGG			89	22
2581-21541	00000/0000	2-10022/0157	08/25/76	80	8104	5311N	17545W	41.9	142.3	GGGG			89	23
2581-21543	00000/0000	2-10022/0158	08/25/76	100	8104	5147N	17628W	42.8	140.8	GGGG			89	24
2582-15083	00000/0000	2-10021/1423	08/26/76	60	8114	4731N	07634W	45.0	136.2	GGGG			18	27
2582-15085	00000/0000	2-10021/1424	08/26/76	50	8114	4606N	07709W	45.8	134.6	GGGG			18	28
2582-15092	00000/0000	2-10021/1425	08/26/76	50	8114	4441N	07743W	46.6	133.0	GGGG			18	29
2582-15094	00000/0000	2-10021/1426	08/26/76	70	8114	4315N	07815W	47.3	131.3	GGGG			18	30
2582-15101	00000/0000	2-10021/1427	08/26/76	50	8114	4150N	07846W	48.0	129.6	GGGG			18	31
2582-15103	00000/0000	2-10021/1428	08/26/76	50	8114	4024N	07916W	48.6	127.9	GGGG			18	32
2582-15112	00000/0000	2-10021/1429	08/26/76	20	8114	3732N	08013W	49.9	124.4	GGGG			18	34
2582-15115	00000/0000	2-10021/1430	08/26/76	30	8114	3606N	08040W	50.4	122.5	GGGG			18	35
2582-15121	00000/0000	2-10021/1431	08/26/76	60	8114	3441N	08107W	50.9	120.7	GGGG			18	36
2582-15124	00000/0000	2-10021/1432	08/26/76	70	8114	3315N	08133W	51.4	118.8	GGGG			18	37
2582-15130	00000/0000	2-10021/1433	08/26/76	70	8114	3149N	08159W	51.8	116.8	GGGG			18	38
2582-15133	00000/0000	2-10021/1434	08/26/76	40	8114	3023N	08223W	52.2	114.9	GGGG			18	39
2582-15135	00000/0000	2-10021/1435	08/26/76	30	8114	2856N	08247W	52.5	112.9	GGGG			18	40
2582-15142	00000/0000	2-10021/1436	08/26/76	40	8114	2730N	08311W	52.8	110.8	GGGG			18	41
2582-15144	00000/0000	2-10021/1437	08/26/76	50	8114	2604N	08334W	53.1	108.8	GGGG			18	42
2582-15151	00000/0000	2-10021/1438	08/26/76	20	8114	2438N	08357W	53.3	106.7	GGGG			18	43
2582-16512	00000/0000	2-10022/0159	08/26/76	40	8115	4857N	10148W	44.2	137.8	GGGG			36	26
2582-16514	00000/0000	2-10022/0160	08/26/76	30	8115	4732N	10225W	45.0	136.3	GGGG			36	27

KEYS: CLBUD COVER % ..... 0 TO 100 = % CLBUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0269

OBSERVATION ID	MICROFILM POSITION RBY	RAIL NR./ IN R911 MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLV.	SUN AZIM.	IMAGE-QUAL RBY MSS	MSS DATA M9DE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME R9W NUMBER
2582-16521	00000/0000	2-10022/0161	08/26/76	40	8115	4606N	10300W	45.8	134.7	GGGG			36	28
2582-16523	00000/0000	2-10022/0162	08/26/76	40	8115	4440N	10333W	46.5	133.0	GGGG			36	29
2582-16530	00000/0000	2-10022/0163	08/26/76	20	8115	4315N	10405W	47.3	131.4	GGGG			36	30
2582-16532	00000/0000	2-10022/0164	08/26/76	20	8115	4150N	10436W	48.0	129.7	GGGG			36	31
2582-16535	00000/0000	2-10022/0165	08/26/76	10	8115	4024N	10506W	48.6	127.9	GGGG			36	32
2582-16541	00000/0000	2-10022/0166	08/26/76	20	8115	3858N	10535W	49.2	126.2	GGGG			36	33
2582-16544	00000/0000	2-10022/0167	08/26/76	10	8115	3732N	10603W	49.8	124.4	GGGG			36	34
2582-16550	00000/0000	2-10022/0168	08/26/76	10	8115	3606N	10631W	50.4	122.6	GGGG			36	35
2582-16553	00000/0000	2-10022/0169	08/26/76	10	8115	3441N	10657W	50.9	120.7	GGGG			36	36
2582-16555	00000/0000	2-10022/0170	08/26/76	10	8115	3315N	10723W	51.4	118.8	GGGG			36	37
2582-16562	00000/0000	2-10022/0171	08/26/76	10	8115	3148N	10748W	51.8	116.9	GGGG			36	38
2582-20122	00000/0000	2-10022/0093	08/26/76	10	8117	6656N	14048W	31.9	159.1	GGGG			72	13
2582-20125	00000/0000	2-10022/0094	08/26/76	10	8117	6535N	14218W	33.0	157.2	GGGG			72	14
2582-20131	00000/0000	2-10022/0095	08/26/76	10	8117	6414N	14339W	34.0	155.3	GGGG			72	15
2582-20134	00000/0000	2-10022/0096	08/26/76	10	8117	6253N	14453W	35.0	153.6	GGGG			72	16
2582-20140	00000/0000	2-10022/0097	08/26/76	90	8117	6131N	14601W	36.0	151.9	GGGG			72	17
2582-20143	00000/0000	2-10022/0098	08/26/76	100	8117	6008N	14704W	37.0	150.3	GGGG			72	18
2582-20145	00000/0000	2-10022/0099	08/26/76	90	8117	5845N	14803W	37.9	148.7	GGGG			72	19
2582-20152	00000/0000	2-10022/0100	08/26/76	90	8117	5721N	14857W	38.9	147.1	GGGG			72	20
2582-21540	00000/0000	2-10022/0101	08/26/76	20	8118	7207N	15846W	27.7	168.4	GGGG			90	9
2582-21543	00000/0000	2-10022/0102	08/26/76	20	8118	7051N	16106W	28.8	165.8	GGGG			90	10
2582-21545	00000/0000	2-10022/0103	08/26/76	10	8118	6934N	16310W	29.8	163.4	GGGG			90	11
2582-21552	00000/0000	2-10022/0104	08/26/76	10	8118	6815N	16501W	30.9	161.1	GGGG			90	12
2582-21554	00000/0000	2-10022/0105	08/26/76	50	8118	6656N	16640W	31.9	159.1	GGGG			90	13
2582-21561	00000/0000	2-10022/0106	08/26/76	90	8118	6536N	16809W	32.9	157.1	GGGG			90	14
2582-21563	00000/0000	2-10022/0107	08/26/76	100	8118	6414N	16930W	34.0	155.3	GGGG			90	15
2582-21570	00000/0000	2-10022/0108	08/26/76	80	8118	6252N	17044W	35.0	153.6	GGGG			90	16
2582-21572	00000/0000	2-10022/0109	08/26/76	90	8118	6130N	17152W	36.0	151.9	GGGG			90	17
2582-21575	00000/0000	2-10022/0110	08/26/76	90	8118	6008N	17254W	37.0	150.3	GGGG			90	18
2582-21581	00000/0000	2-10022/0111	08/26/76	90	8118	5844N	17353W	37.9	148.7	GGGG			90	19
2582-21584	00000/0000	2-10022/0112	08/26/76	90	8118	5721N	17448W	38.9	147.1	GGGG			90	20
2582-21590	00000/0000	2-10022/0113	08/26/76	100	8118	5557N	17539W	39.8	145.6	GGGG			90	21
2582-21593	00000/0000	2-10022/0114	08/26/76	100	8118	5432N	17627W	40.7	144.1	GGGG			90	22
2582-21595	00000/0000	2-10022/0115	08/26/76	100	8118	5308N	17712W	41.6	142.5	GGGG			90	23
2582-22002	00000/0000	2-10022/0116	08/26/76	90	8118	5144N	17755W	42.5	141.0	GGGG			90	24
2583-15134	00000/0000	2-10022/0172	08/27/76	50	8128	4854N	07725W	44.0	138.1	GGGG			19	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0270

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER PERCENT	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2583-15141	00000/0000	2-10022/0173	08/27/76	50	8128	4729N	07802W	44.8	136.5	FFGG	19	27
2583-15143	00000/0000	2-10022/0174	08/27/76	60	8128	4604N	07837W	45.6	134.9	FGGG	19	28
2583-15150	00000/0000	2-10022/0175	08/27/76	60	8128	4439N	07910W	46.3	133.3	FGGG	19	29
2583-15152	00000/0000	2-10022/0176	08/27/76	70	8128	4314N	07942W	47.0	131.7	GGGG	19	30
2583-15155	00000/0000	2-10022/0177	08/27/76	90	8128	4148N	08013W	47.7	130.0	GGGG	19	31
2583-15161	00000/0000	2-10022/0178	08/27/76	90	8128	4023N	08043W	48.4	128.3	GGGG	19	32
2583-15164	00000/0000	2-10022/0179	08/27/76	90	8128	3857N	08112W	49.0	126.5	GGGG	19	33
2583-15170	00000/0000	2-10022/0180	08/27/76	100	8128	3731N	08140W	49.6	124.8	GGGG	19	34
2583-15173	00000/0000	2-10022/0181	08/27/76	80	8128	3605N	08208W	50.2	122.9	GGGG	19	35
2583-15175	00000/0000	2-10022/0182	08/27/76	80	8128	3439N	08235W	50.7	121.1	GGGG	19	36
2583-15182	00000/0000	2-10022/0183	08/27/76	70	8128	3312N	08301W	51.2	119.2	GGGG	19	37
2583-15184	00000/0000	2-10022/0184	08/27/76	50	8128	3147N	08326W	51.7	117.3	GGGG	19	38
2583-15191	00000/0000	2-10022/0185	08/27/76	40	8128	3021N	08351W	52.1	115.3	GGGG	19	39
2583-15193	00000/0000	2-10022/0186	08/27/76	30	8128	2854N	08414W	52.4	113.4	GGGG	19	40
2583-15200	00000/0000	2-10022/0187	08/27/76	40	8128	2728N	08438W	52.7	111.3	FGGG	19	41
2583-15270	00000/0000	2-10022/0024	08/27/76	40	8129	4855N	10313W	43.9	138.1	GGGG	37	26
2583-16573	00000/0000	2-10022/0025	08/27/76	10	8129	4729N	10350W	44.8	136.5	FGGG	37	27
2583-16575	00000/0000	2-10022/0026	08/27/76	10	8129	4604N	10425W	45.5	134.9	GGGG	37	28
2583-16582	00000/0000	2-10022/0027	08/27/76	0	8129	4439N	10459W	46.3	133.3	GGGG	37	29
2583-16584	00000/0000	2-10022/0028	08/27/76	0	8129	4314N	10531W	47.0	131.7	GGGG	37	30
2583-16591	00000/0000	2-10022/0029	08/27/76	10	8129	4149N	10602W	47.7	130.0	GGGG	37	31
2583-16593	00000/0000	2-10022/0030	08/27/76	10	8129	4022N	10631W	48.4	128.3	GGGG	37	32
2583-17000	00000/0000	2-10022/0031	08/27/76	20	8129	3856N	10700W	49.0	126.6	GGGG	37	33
2583-17002	00000/0000	2-10022/0032	08/27/76	10	8129	3730N	10728W	49.6	124.8	GGGG	37	34
2583-17005	00000/0000	2-10022/0033	08/27/76	10	8129	3605N	10756W	50.2	123.0	GGGG	37	35
2583-17011	00000/0000	2-10022/0034	08/27/76	20	8129	3439N	10823W	50.7	121.1	GGGG	37	36
2583-17014	00000/0000	2-10022/0035	08/27/76	70	8129	3313N	10848W	51.2	119.2	GGGG	37	37
2583-17020	00000/0000	2-10022/0036	08/27/76	50	8129	3147N	10913W	51.6	117.3	GGGG	37	38
2583-17023	00000/0000	2-10022/0037	08/27/76	70	8129	3021N	10938W	52.0	115.4	GGGG	37	39
2583-20172	00000/0000	2-10022/0201	08/27/76	0	8131	6923N	13810W	29.5	163.4	GGGG	73	11
2583-20174	00000/0000	2-10022/0202	08/27/76	0	8131	6814N	14010W	30.6	161.2	GGGG	73	12
2583-20181	00000/0000	2-10022/0203	08/27/76	10	8131	6654N	14219W	31.6	159.2	GGGG	73	13
2583-20183	00000/0000	2-10022/0204	08/27/76	0	8131	6533N	14319W	32.6	157.3	GGGG	73	14
2583-20190	00000/0000	2-10022/0205	08/27/76	0	8131	6412N	14510W	33.7	155.4	GGGG	73	15
2583-20192	00000/0000	2-10022/0206	08/27/76	60	8131	6251N	14623W	34.7	153.7	GGGG	73	16
2583-20195	00000/0000	2-10022/0207	08/27/76	80	8131	6129N	14731W	35.7	152.0	GGGG	73	17

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER,  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0271

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA	MSS MODE	MSS GAIN	SRBIT PATH NUMBER	FRAME ROW NUMBER
2583-20201	00000/0000 2-10022/0208	08/27/76	90	8131	6006N	14834W	36.7	150.4	GGGG			73	18
2583-20204	00000/0000 2-10022/0209	08/27/76	60	8131	5843N	14932W	37.6	148.8	GGGG			73	19
2583-20210	00000/0000 2-10022/0210	08/27/76	70	8131	5719N	15026W	38.6	147.3	GGGG			73	20
2583-21594	00000/0000 2-10022/0211	08/27/76	50	8132	7209N	16009W	27.3	168.6	GGGG			91	9
2583-22001	00000/0000 2-10022/0212	08/27/76	40	8132	7053N	16229W	28.4	165.9	GGGG			91	10
2583-22003	00000/0000 2-10022/0213	08/27/76	70	8132	6995N	16434W	29.5	163.5	GGGG			91	11
2583-22010	00000/0000 2-10022/0214	08/27/76	50	8132	6817N	16626W	30.5	161.3	GGGG			91	12
2583-22012	00000/0000 2-10022/0215	08/27/76	40	8132	6657N	16805W	31.6	159.2	GGGG			91	13
2583-22015	00000/0000 2-10022/0216	08/27/76	70	8132	6536N	16935W	32.6	157.3	GGGG			91	14
2583-22021	00000/0000 2-10022/0217	08/27/76	60	8132	6415N	17056W	33.6	155.5	GGGG			91	15
2583-22060	00000/0000 2-10022/0218	08/27/76	90	8132	5146N	17522W	42.2	141.3	GGGG			91	24
2584-15193	00000/0000 2-10022/0219	08/28/76	70	8142	4856N	07848W	43.7	138.4	GFGG			20	26
2584-15195	00000/0000 2-10022/0220	08/28/76	70	8142	4732N	07925W	44.5	136.9	GGGG			20	27
2584-15202	00000/0000 2-10022/0221	08/28/76	60	8142	4606N	08001W	45.3	135.3	GGGG			20	28
2584-15204	00000/0000 2-10022/0222	08/28/76	60	8142	4441N	08035W	46.0	133.7	GGGG			20	29
2584-15211	00000/0000 2-10022/0223	08/28/76	70	8142	4315N	08107W	46.8	132.1	GGGG			20	30
2584-15213	00000/0000 2-10022/0224	08/28/76	60	8142	4150N	08139W	47.5	130.4	GGGG			20	31
2584-15220	00000/0000 2-10022/0225	08/28/76	80	8142	4024N	08209W	48.2	128.7	GGGG			20	32
2584-15222	00000/0000 2-10022/0226	08/28/76	70	8142	3858N	08237W	48.8	127.0	GGGG			20	33
2584-15225	00000/0000 2-10022/0227	08/28/76	90	8142	3732N	08305W	49.4	125.2	GGGG			20	34
2584-15231	00000/0000 2-10022/0228	08/28/76	90	8142	3606N	08332W	50.0	123.4	GGGG			20	35
2584-15234	00000/0000 2-10022/0229	08/28/76	80	8142	3441N	08359W	50.5	121.6	GGGG			20	36
2584-15240	00000/0000 2-10022/0230	08/28/76	50	8142	3315N	08425W	51.0	119.7	GGGG			20	37
2584-15243	00000/0000 2-10022/0231	08/28/76	20	8142	3149N	08451W	51.5	117.8	GGGG			20	38
2584-15245	00000/0000 2-10022/0232	08/28/76	30	8142	3023N	08516W	51.9	115.9	GGGG			20	39
2584-15252	00000/0000 2-10022/0233	08/28/76	40	8142	2856N	08540W	52.2	113.9	GGGG			20	40
2584-15254	00000/0000 2-10022/0234	08/28/76	40	8142	2730N	08604W	52.6	111.9	GGGG			20	41
2584-17024	00000/0000 2-10022/0079	08/28/76	90	8143	4855N	10440W	43.6	138.4	GGGG			38	26
2584-17031	00000/0000 2-10022/0080	08/28/76	40	8143	4731N	10516W	44.5	136.9	GGGG			38	27
2584-17033	00000/0000 2-10022/0081	08/28/76	10	8143	4607N	10551W	45.2	135.3	GGGG			38	28
2584-17040	00000/0000 2-10022/0082	08/28/76	10	8143	4441N	10625W	46.0	133.7	GGGG			38	29
2584-17042	00000/0000 2-10022/0083	08/28/76	0	8143	4315N	10658W	46.8	132.1	GGGG			38	30
2584-17045	00000/0000 2-10022/0084	08/28/76	0	8143	4149N	10729W	47.5	130.4	GGGG			38	31
2584-17051	00000/0000 2-10022/0085	08/28/76	0	8143	4024N	10758W	48.1	128.7	GGGG			38	32
2584-17054	00000/0000 2-10022/0086	08/28/76	0	8143	3858N	10827W	48.8	127.0	GGGG			38	33
2584-17060	00000/0000 2-10022/0087	08/28/76	0	8143	3732N	10855W	49.4	125.3	GGGG			38	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 23, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0272

OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2584-17063	00000/0000	2-10022/0088	08/28/76	0	8143	3607N	10923W	50.0	123.5	GGGG			
2584-17065	00000/0000	2-10022/0089	08/28/76	10	8143	3441N	10949W	50.5	121.6	GGGG		38	35
2584-17072	00000/0000	2-10022/0090	08/28/76	10	8143	3315N	11015W	51.0	119.8	GGGG		38	36
2584-17074	00000/0000	2-10022/0091	08/28/76	10	8143	3148N	11040W	51.5	117.9	GGGG		38	37
2584-17081	00000/0000	2-10022/0092	08/28/76	10	8143	3022N	11104W	51.9	115.9	GGGG		38	38
2584-20232	00000/0000	2-10022/0235	08/28/76	10	8145	6815N	14200W	30.2	161.4	GGGG		38	39
2584-20235	00000/0000	2-10022/0236	08/28/76	30	8145	6656N	14338W	31.3	159.3	GGGG		74	12
2584-20241	00000/0000	2-10022/0237	08/28/76	60	8145	6536N	14507W	32.3	157.4	GGGG		74	13
2584-20244	00000/0000	2-10022/0238	08/28/76	80	8145	6415N	14628W	33.3	155.6	GGGG		74	14
2584-20250	00000/0000	2-10022/0239	08/28/76	80	8145	6253N	14742W	34.3	153.9	GGGG		74	15
2584-20253	00000/0000	2-10022/0240	08/28/76	70	8145	6131N	14851W	35.3	152.2	GGGG		74	16
2584-20255	00000/0000	2-10022/0241	08/28/76	70	8145	6008N	14954W	36.3	150.6	GGGG		74	17
2584-20262	00000/0000	2-10022/0242	08/28/76	90	8145	5845N	15053W	37.3	149.1	GGGG		74	18
2584-20264	00000/0000	2-10022/0243	08/28/76	90	8145	5721N	15149W	38.2	147.5	GGGG		74	19
2584-20271	00000/0000	2-10022/0244	08/28/76	80	8145	5557N	15241W	39.2	146.0	GGGG		74	20
2584-22055	00000/0000	2-10022/0245	08/28/76	50	8146	7051N	16358W	28.1	166.0	GGGG		92	21
2584-22062	00000/0000	2-10022/0246	08/28/76	90	8146	6934N	16602W	29.1	163.6	GGG		92	10
2584-22064	00000/0000	2-10022/0247	08/28/76	50	8146	6815N	16751W	30.2	161.4	GGGG		92	11
2584-22071	00000/0000	2-10022/0248	08/28/76	10	8146	6656N	16929W	31.2	159.3	GGGG		92	12
2584-22073	00000/0000	2-10022/0249	08/28/76	10	8146	6535N	17057W	32.3	157.4	GGGG		92	13
2585-15251	00000/0000	2-10022/0038	08/29/76	90	8156	4855N	08016W	43.4	138.7	GGGG		21	14
2585-15253	00000/0000	2-10022/0039	08/29/76	90	8156	4730N	08053W	44.2	137.1	GGGG		21	26
2585-15260	00000/0000	2-10022/0040	08/29/76	90	8156	4605N	08128W	45.0	135.6	GGGG		21	27
2585-15262	00000/0000	2-10022/0041	08/29/76	90	8156	4440N	08202W	45.8	134.0	GGGG		21	28
2585-15265	00000/0000	2-10022/0042	08/29/76	60	8156	4313N	08234W	46.5	132.4	GGGG		21	29
2585-15271	00000/0000	2-10022/0043	08/29/76	20	8156	4148N	08305W	47.2	130.7	GGGG		21	30
2585-15274	00000/0000	2-10022/0044	08/29/76	30	8156	4023N	08335W	47.9	129.1	GGGG		21	31
2585-15280	00000/0000	2-10022/0045	08/29/76	40	8156	3856N	08404W	48.6	127.4	GGGG		21	32
2585-15283	00000/0000	2-10022/0046	08/29/76	30	8156	3731N	08433W	49.2	125.6	GGGG		21	33
2585-15285	00000/0000	2-10022/0047	08/29/76	70	8156	3605N	08500W	49.8	123.8	GGGG		21	34
2585-15292	00000/0000	2-10022/0048	08/29/76	60	8156	3439N	08527W	50.3	122.0	GGGG		21	35
2585-15294	00000/0000	2-10022/0049	08/29/76	40	8156	3312N	08553W	50.8	120.2	GGGG		21	36
2585-15301	00000/0000	2-10022/0050	08/29/76	20	8156	3147N	08619W	51.3	118.3	GGGG		21	37
2585-15303	00000/0000	2-10022/0051	08/29/76	20	8156	3021N	08644W	51.7	116.4	GGGG		21	38
2585-15310	00000/0000	2-10022/0052	08/29/76	30	8156	2855N	08708W	52.1	114.4	GGGG		21	39
2585-15312	00000/0000	2-10022/0053	08/29/76	50	8156	2728N	08731W	52.4	112.4	GGGG		21	40
												21	41

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0273

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2585-17083	00000/0000	2-10022/0250	08/29/76	10	8157	4854N	10607W	43.4	138.7	GGGG			39	26
2585-17085	00000/0000	2-10022/0251	08/29/76	10	8157	4729N	10643W	44.2	137.2	GGGG			39	27
2585-17092	00000/0000	2-10022/0252	08/29/76	10	8157	4604N	10719W	45.0	135.6	GGGG			39	28
2585-17094	00000/0000	2-10022/0253	08/29/76	0	8157	4440N	10752W	45.8	134.0	GGGG			39	29
2585-17101	00000/0000	2-10022/0254	08/29/76	0	8157	4314N	10824W	46.5	132.4	GGGG			39	30
2585-17103	00000/0000	2-10022/0255	08/29/76	10	8157	4148N	10855W	47.2	130.8	GGGG			39	31
2585-17110	00000/0000	2-10022/0256	08/29/76	10	8157	4022N	10925W	47.9	129.1	GGGG			39	32
2585-17112	00000/0000	2-10022/0257	08/29/76	10	8157	3856N	10954W	48.6	127.4	GGGG			39	33
2585-17115	00000/0000	2-10022/0258	08/29/76	10	8157	3731N	11022W	49.2	125.7	GGGG			39	34
2585-17121	00000/0000	2-10022/0259	08/29/76	10	8157	3605N	11050W	49.8	123.9	GGGG			39	35
2585-17124	00000/0000	2-10022/0260	08/29/76	10	8157	3439N	11117W	50.3	122.1	GGGG			39	36
2585-17130	00000/0000	2-10022/0261	08/29/76	10	8157	3312N	11143W	50.8	120.2	GGGG			39	37
2585-17133	00000/0000	2-10022/0262	08/29/76	10	8157	3146N	11208W	51.3	118.3	GGGG			39	38
2585-17135	00000/0000	2-10022/0263	08/29/76	20	8157	3020N	11232W	51.7	116.4	GGGG			39	39
2585-20284	00000/0000	2-10022/0295	08/29/76	30	8159	6932N	14138W	28.8	163.7	GGFG			75	11
2585-20291	00000/0000	2-10022/0296	08/29/76	10	8159	6813N	14329W	29.9	161.5	GGGG			75	12
2585-20293	00000/0000	2-10022/0297	08/29/76	20	8159	6654N	14508W	30.9	159.4	GGGG			75	13
2585-20300	00000/0000	2-10022/0298	08/29/76	30	8159	6534N	14636W	32.0	157.5	GGGG			75	14
2585-20302	00000/0000	2-10022/0299	08/29/76	40	8159	6413N	14758W	33.0	155.7	GGGG			75	15
2585-20305	00000/0000	2-10022/0300	08/29/76	40	8159	6251N	14913W	34.0	154.0	GGGG			75	16
2585-20311	00000/0000	2-10022/0301	08/29/76	50	8159	6128N	15022W	35.0	152.4	GGGG			75	17
2585-20314	00000/0000	2-10022/0302	08/29/76	90	8159	6006N	15125W	36.0	150.8	GGGG			75	18
2585-20320	00000/0000	2-10022/0303	08/29/76	80	8159	5843N	15223W	37.0	149.2	GGGG			75	19
2585-20323	00000/0000	2-10022/0304	08/29/76	90	8159	5719N	15317W	37.9	147.7	GGGG			75	20
2585-20325	00000/0000	2-10022/0305	08/29/76	90	8159	5556N	15408W	38.9	146.2	GGGF			75	21
2585-22120	00000/0000	2-10022/0306	08/29/76	10	8160	6935N	16725W	28.8	163.7	GGFF			93	11
2585-22122	00000/0000	2-10022/0307	08/29/76	10	8160	6817N	16915W	29.8	161.5	FFFF			93	12
2585-22125	00000/0000	2-10022/0308	08/29/76	40	8160	6657N	17055W	30.9	159.5	GGGG			93	13
2585-22170	00000/0000	2-10022/0309	08/29/76	90	8160	5310N	17830E	40.7	143.3	GGGG			93	23
2586-15305	00000/0000	2-10022/0264	08/30/76	10	8170	4856N	08140W	43.1	139.0	GGGG			22	26
2586-15312	00000/0000	2-10022/0265	08/30/76	20	8170	4731N	08217W	43.9	137.5	GGGG			22	27
2586-15314	00000/0000	2-10022/0266	08/30/76	10	8170	4606N	08252W	44.7	135.9	GGGG			22	28
2586-15321	00000/0000	2-10022/0267	08/30/76	20	8170	4441N	08326W	45.5	134.4	GGGG			22	29
2586-15323	00000/0000	2-10022/0268	08/30/76	10	8170	4315N	08359W	46.2	132.8	GGGG			22	30
2586-15330	00000/0000	2-10022/0269	08/30/76	10	8170	4150N	08430W	47.0	131.2	GGGG			22	31
2586-15332	00000/0000	2-10022/0270	08/30/76	0	8170	4024N	08500W	47.7	129.5	GGGG			22	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0274

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RAW NUMBER
2586-15335	00000/0000	2-10022/0271	08/30/76	0	8170	3849N	08529W	48.3	127.8	GGGG		22	33
2586-15341	00000/0000	2-10022/0272	08/30/76	0	8170	3733N	08557W	48.9	126.1	GGGG		22	34
2586-15344	00000/0000	2-10022/0273	08/30/76	0	8170	3607N	08624W	49.5	124.3	GGGG		22	35
2586-15350	00000/0000	2-10022/0274	08/30/76	10	8170	3440N	08652W	50.1	122.5	GGGG		22	36
2586-15353	00000/0000	2-10022/0275	08/30/76	40	8170	3314N	08718W	50.6	120.7	GGGG		22	37
2586-15355	00000/0000	2-10022/0276	08/30/76	20	8170	3147N	08743W	51.1	118.8	GGGG		22	38
2586-15362	00000/0000	2-10022/0277	08/30/76	10	8170	3022N	08808W	51.5	116.9	GGGG		22	39
2586-15364	00000/0000	2-10022/0278	08/30/76	20	8170	2856N	08831W	51.9	115.0	GGGG		22	40
2586-15371	00000/0000	2-10022/0279	08/30/76	30	8170	2729N	08854W	52.3	113.0	GGGG		22	41
2586-17141	00000/0000	2-10022/0310	08/30/76	80	8171	4857N	10732W	43.1	139.0	GGGG		40	26
2586-17143	00000/0000	2-10022/0311	08/30/76	80	8171	4732N	10809W	43.9	137.5	GGGG		40	27
2586-17150	00000/0000	2-10022/0312	08/30/76	50	8171	4606N	10843W	44.7	136.0	GGGG		40	28
2586-17152	00000/0000	2-10022/0313	08/30/76	30	8171	4440N	10917W	45.5	134.4	GGGG		40	29
2586-17155	00000/0000	2-10022/0314	08/30/76	10	8171	4315N	10949W	46.2	132.8	GGGG		40	30
2586-17161	00000/0000	2-10022/0315	08/30/76	10	8171	4150N	11020W	46.9	131.2	GGGG		40	31
2586-17164	00000/0000	2-10022/0316	08/30/76	10	8171	4024N	11050W	47.6	129.5	GGGG		40	32
2586-17170	00000/0000	2-10022/0317	08/30/76	10	8171	3858N	11119W	48.3	127.8	GGGG		40	33
2586-17173	00000/0000	2-10022/0318	08/30/76	10	8171	3732N	11147W	48.9	126.1	GGGG		40	34
2586-17175	00000/0000	2-10022/0319	08/30/76	10	8171	3606N	11214W	49.5	124.4	GGGG		40	35
2586-20340	00000/0000	2-10022/0320	08/30/76	40	8173	7051N	14058W	27.4	166.2	GGGG		76	10
2586-20342	00000/0000	2-10022/0321	08/30/76	40	8173	6934N	14302W	28.4	163.8	GGGG		76	11
2586-20345	00000/0000	2-10022/0322	08/30/76	60	8173	6816N	14453W	29.5	161.6	GGGG		76	12
2586-20351	00000/0000	2-10022/0323	08/30/76	30	8173	6656N	14632W	30.6	159.6	GGGG		76	13
2586-20354	00000/0000	2-10022/0324	08/30/76	40	8173	6535N	14802W	31.6	157.7	GGGG		76	14
2586-20360	00000/0000	2-10022/0325	08/30/76	50	8173	6415N	14923W	32.6	155.9	GGGG		76	15
2586-20363	00000/0000	2-10022/0326	08/30/76	40	8173	6253N	15038W	33.7	154.2	GGGG		76	16
2586-20365	00000/0000	2-10022/0327	08/30/76	20	8173	6131N	15147W	34.7	152.6	GGGG		76	17
2586-20372	00000/0000	2-10022/0328	08/30/76	70	8173	6008N	15250W	35.7	151.0	GGGG		76	18
2586-20374	00000/0000	2-10022/0329	08/30/76	70	8173	5845N	15348W	36.6	149.5	GGGG		76	19
2586-20381	00000/0000	2-10022/0330	08/30/76	80	8173	5721N	15442W	37.6	148.0	GGGG		76	20
2586-20383	00000/0000	2-10022/0331	08/30/76	60	8173	5557N	15533W	38.5	146.5	GGGG		76	21
2587-15363	00000/0000	2-10022/0280	08/31/76	80	8184	4856N	08308W	42.8	139.3	GGGG		23	26
2587-15370	00000/0000	2-10022/0281	08/31/76	80	8184	4731N	08345W	43.6	137.8	GGGG		23	27
2587-15372	00000/0000	2-10022/0282	08/31/76	50	8184	4606N	08420W	44.4	136.2	GGGG		23	28
2587-15375	00000/0000	2-10022/0283	08/31/76	40	8184	4440N	08454W	45.2	134.7	GGGG		23	29
2587-15381	00000/0000	2-10022/0284	08/31/76	10	8184	4315N	08526W	46.0	133.1	GGGG		23	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, RAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0275

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2587-15384	00000/0000	2-10022/0285	08/31/76	10	8184	4150N	08558W	46.7	131.5	GGGG		23	31
2587-15390	00000/0000	2-10022/0286	08/31/76	10	8184	4024N	08628W	47.4	129.9	GGGG		23	32
2587-15393	00000/0000	2-10022/0287	08/31/76	20	8184	3858N	08657W	48.1	128.2	GGGG		23	33
2587-15395	00000/0000	2-10022/0288	08/31/76	10	8184	3732N	08725W	48.7	126.5	GGGG		23	34
2587-15402	00000/0000	2-10022/0289	08/31/76	10	8184	3606N	08752W	49.3	124.8	GGGG		23	35
2587-15404	00000/0000	2-10022/0290	08/31/76	20	8184	3440N	08819W	49.9	123.0	GGGF		23	36
2587-15411	00000/0000	2-10022/0291	08/31/76	20	8184	3313N	08844W	50.4	121.2	GGGG		23	37
2587-15413	00000/0000	2-10022/0292	08/31/76	10	8184	3147N	08909W	50.9	119.3	GGGG		23	38
2587-15420	00000/0000	2-10022/0293	08/31/76	20	8184	3022N	08934W	51.4	117.4	GGGG		23	39
2587-15422	00000/0000	2-10022/0294	08/31/76	20	8184	2857N	08958W	51.8	115.5	GGGF		23	40
2587-17195	00000/0000	2-10022/0346	08/31/76	10	8185	4855N	10858W	42.8	139.3	FFGG		41	26
2587-17202	00000/0000	2-10022/0347	08/31/76	10	8185	4730N	10935W	43.6	137.8	GGG		41	27
2587-17204	00000/0000	2-10022/0348	08/31/76	10	8185	4605N	11010W	44.4	136.3	GGG		41	28
2587-17211	00000/0000	2-10022/0349	08/31/76	10	8185	4440N	11044W	45.2	134.7	GGG		41	29
2587-17213	00000/0000	2-10022/0350	08/31/76	10	8185	4315N	11116W	46.0	133.2	GGG		41	30
2587-17220	00000/0000	2-10022/0351	08/31/76	10	8185	4149N	11147W	46.7	131.5	GGGG		41	31
2587-17222	00000/0000	2-10022/0352	08/31/76	10	8185	4023N	11217W	47.4	129.9	GGGG		41	32
2587-17225	00000/0000	2-10022/0353	08/31/76	0	8185	3858N	11246W	48.1	128.2	GGGG		41	33
2587-17231	00000/0000	2-10022/0354	08/31/76	0	8185	3732N	11314W	48.7	126.5	GGGG		41	34
2587-17234	00000/0000	2-10022/0355	08/31/76	0	8185	3606N	11342W	49.3	124.8	GGGG		41	35
2587-17240	00000/0000	2-10022/0356	08/31/76	0	8185	3440N	11409W	49.9	123.0	GGGF		41	36
2587-17243	00000/0000	2-10022/0357	08/31/76	10	8185	3314N	11435W	50.4	121.2	GGGG		41	37
2587-17245	00000/0000	2-10022/0358	08/31/76	0	8185	3148N	11501W	50.9	119.3	GGGG		41	38
2587-20394	00000/0000	2-10022/0444	08/31/76	60	8187	7052N	14223W	27.0	166.3	GGGG		77	10
2587-20401	00000/0000	2-10022/0445	08/31/76	80	8187	6935N	14428W	28.1	163.9	GGGG		77	11
2587-20403	00000/0000	2-10022/0446	08/31/76	80	8187	6816N	14619W	29.2	161.7	GGGG		77	12
2587-20410	00000/0000	2-10022/0447	08/31/76	70	8187	6656N	14758W	30.2	159.7	GGGG		77	13
2587-20412	00000/0000	2-10022/0448	08/31/76	60	8187	6536N	14928W	31.3	157.8	GGGG		77	14
2587-20415	00000/0000	2-10022/0449	08/31/76	20	8187	6415N	15050W	32.3	156.1	GGGG		77	15
2587-20421	00000/0000	2-10022/0450	08/31/76	50	8187	6253N	15203W	33.3	154.4	FGGG		77	16
2587-20424	00000/0000	2-10022/0451	08/31/76	50	8187	6131N	15311W	34.3	152.8	GGGG		77	17
2587-20430	00000/0000	2-10022/0452	08/31/76	70	8187	6009N	15414W	35.3	151.2	GGGG		77	18
2587-20433	00000/0000	2-10022/0453	08/31/76	70	8187	5845N	15513W	36.3	149.7	GGGG		77	19
2587-20435	00000/0000	2-10022/0454	08/31/76	100	8187	5722N	15609W	37.3	148.2	GGGG		77	20
2587-20442	00000/0000	2-10022/0455	08/31/76	100	8187	5558N	15700W	38.2	146.7	GGGG		77	21
2587-20444	00000/0000	2-10022/0456	08/31/76	100	8187	5433N	15749W	39.2	145.2	GGGG		77	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0276

OBSERVATION ID	MICROFILM POSITION IN RBV	ROLL NR./RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE	SUN ELEV.	SUN AZIM.	IMAGE QUAL	MSS DATA	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
						LAT	LANG		123	45678	MODE		
2587-20451	00000/0000	2-10022/0457	08/31/76	100	8187	5309N	15834W	40.1 143.7	GGGG			77	23
2587-20453	00000/0000	2-10022/0458	08/31/76	90	8187	5144N	15916W	41.0 142.3	GGGG			77	24
2588-15422	2-10022/1472	2-10022/0359	09/01/76	60	8198	4855N	08434W	42.5 139.6	GGG	GGGG		24	26
2588-15424	2-10022/1473	2-10022/0360	09/01/76	40	8198	4730N	08511W	43.3 138.1	GGG	GGGG		24	27
2588-15431	00000/0000	2-10022/0361	09/01/76	60	8198	4605N	08546W	44.2 136.6		GGFG		24	28
2588-15433	00000/0000	2-10022/0362	09/01/76	30	8198	4439N	08620W	45.0 135.0		FFGG		24	29
2588-15440	00000/0000	2-10022/0363	09/01/76	50	8198	4314N	08652W	45.7 133.5		GFGG		24	30
2588-15442	2-10022/1474	2-10022/0364	09/01/76	80	8198	4148N	08723W	46.5 131.9	GG	GFGF		24	31
2588-15445	2-10022/1475	2-10022/0365	09/01/76	80	8198	4022N	08753W	47.2 130.3	GGG	GGGG		24	32
2588-15451	2-10022/1476	2-10022/0366	09/01/76	90	8198	3856N	08822W	47.9 128.6	GGG	GGGG		24	33
2588-15454	2-10022/1477	2-10022/0367	09/01/76	90	8198	3731N	08850W	48.5 126.9	GGG	GGGG		24	34
2588-15460	2-10022/1478	2-10022/0368	09/01/76	90	8198	3605N	08918W	49.1 125.2	GGG	GGGF		24	35
2588-15463	2-10022/1479	2-10022/0369	09/01/76	80	8198	3439N	08944W	49.7 123.4	GGG	FGGG		24	36
2588-15465	2-10022/1480	2-10022/0370	09/01/76	80	8198	3314N	09011W	50.2 121.6	GGG	GGGG		24	37
2588-15472	00000/0000	2-10022/0371	09/01/76	50	8198	3147N	09036W	50.7 119.8		GFGF		24	38
2588-15474	00000/0000	2-10022/0372	09/01/76	30	8198	3020N	09101W	51.2 117.9		GGGG		24	39
2588-15481	00000/0000	2-10022/0373	09/01/76	30	8198	2854N	09125W	51.6 116.0		GGGG		24	40
2588-17253	00000/0000	2-10022/0459	09/01/76	10	8199	4855N	11024W	42.5 139.6		GGGG		42	26
2588-17260	00000/0000	2-10022/0460	09/01/76	10	8199	4729N	11101W	43.3 138.1		GGGG		42	27
2588-17262	00000/0000	2-10022/0461	09/01/76	0	8199	4604N	11135W	44.1 136.6		GGGG		42	28
2588-17265	00000/0000	2-10022/0462	09/01/76	0	8199	4439N	11209W	44.9 135.1		GGGG		42	29
2588-17271	00000/0000	2-10022/0463	09/01/76	0	8199	4314N	11242W	45.7 133.5		GGGG		42	30
2588-17274	00000/0000	2-10022/0464	09/01/76	0	8199	4149N	11313W	46.4 131.9		GGGG		42	31
2588-17280	00000/0000	2-10022/0465	09/01/76	0	8199	4023N	11344W	47.2 130.3		GGGG		42	32
2588-17283	00000/0000	2-10022/0466	09/01/76	0	8199	3857N	11413W	47.8 128.6		GGGG		42	33
2588-17285	00000/0000	2-10022/0467	09/01/76	0	8199	3731N	11441W	48.5 126.9		GGGG		42	34
2588-17292	00000/0000	2-10022/0468	09/01/76	0	8199	3605N	11508W	49.1 125.2		GGGG		42	35
2588-17294	00000/0000	2-10022/0469	09/01/76	0	8199	3439N	11534W	49.7 123.4		GGGG		42	36
2588-17301	00000/0000	2-10022/0470	09/01/76	10	8199	3313N	11600W	50.2 121.6		GGGG		42	37
2588-17303	00000/0000	2-10022/0471	09/01/76	40	8199	3147N	11625W	50.7 119.8		GGGG		42	38
2588-20452	00000/0000	2-10022/0332	09/01/76	100	8201	7054N	14345W	26.6 166.4		FGG		78	10
2588-20455	00000/0000	2-10022/0333	09/01/76	90	8201	6936N	14550W	27.7 164.1		GFGG		78	11
2588-20461	00000/0000	2-10022/0334	09/01/76	90	8201	6818N	14741W	28.8 161.9		GGGG		78	12
2588-20464	00000/0000	2-10022/0335	09/01/76	70	8201	6658N	14921W	29.8 159.9		GGGG		78	13
2588-20470	00000/0000	2-10022/0336	09/01/76	70	8201	6537N	15051W	30.9 158.0		GGGG		78	14
2588-20473	00000/0000	2-10022/0337	09/01/76	30	8201	6416N	15212W	31.9 156.3		GGGG		78	15

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, SAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 24, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0277

OBSERVATION ID	MICROFILM RELI POSITION IN RELI RBV	REL. NR. MSS	DATE ACQUIRED	CLSD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2588-20475	00000/0000	2-10022/0338	09/01/76	30	8201	6255N	15326W	33.0	154.6					
2588-20482	00000/0000	2-10022/0339	09/01/76	60	8201	6133N	15434W	34.0	153.0	GGGG			78	16
2588-20484	00000/0000	2-10022/0340	09/01/76	90	8201	6010N	15538W	35.0	151.4	GGGG			78	17
2588-20491	00000/0000	2-10022/0341	09/01/76	90	8201	5847N	15637W	36.0	149.9	GGGG			78	18
2588-20493	00000/0000	2-10022/0342	09/01/76	100	8201	5724N	15732W	36.9	148.4	GGGG			78	19
2588-20500	00000/0000	2-10022/0343	09/01/76	90	8201	5600N	15824W	37.9	146.9	GGGG			78	20
2588-20502	00000/0000	2-10022/0344	09/01/76	80	8201	5436N	15913W	38.8	145.5	GGGG			78	21
2588-22334	00000/0000	2-10022/0345	09/01/76	80	8202	5434N	17458E	38.8	145.5	GGGG			78	22
2589-15480	2-10022/1481	2-10022/0374	09/02/76	10	8212	4848N	08602W	42.3	139.8	GGG FGGG			96	22
2589-15483	2-10022/1482	2-10022/0375	09/02/76	10	8212	4723N	08639W	43.1	138.3	GGF FGGG			25	26
2589-15485	2-10022/1483	2-10022/0376	09/02/76	10	8212	4558N	08714W	43.9	136.8	GGG FGGG			25	27
2589-15492	2-10022/1484	2-10022/0377	09/02/76	20	8212	4433N	08748W	44.7	135.3	GGG FGGG			25	28
2589-15494	2-10022/1485	2-10022/0378	09/02/76	60	8212	4308N	08821W	45.5	133.7	GGG FGGG			25	29
2589-15501	2-10022/1486	2-10022/0379	09/02/76	10	8212	4142N	08852W	46.3	132.2	GGG FGGG			25	30
2589-15503	2-10022/1487	2-10022/0380	09/02/76	10	8212	4017N	08922W	47.0	130.6	GGG FGGG			25	31
2589-15510	2-10022/1488	2-10022/0381	09/02/76	10	8212	3851N	08951W	47.7	128.9	GGG FGGG			25	32
2589-15512	2-10022/1489	2-10022/0382	09/02/76	30	8212	3725N	09019W	48.3	127.2	GGG FGGG			25	33
2589-15515	2-10022/1490	2-10022/0383	09/02/76	70	8212	3559N	09046W	48.9	125.5	GGG FGGG			25	34
2589-15521	2-10022/1491	2-10022/0384	09/02/76	90	8212	3433N	09113W	49.5	123.8	GGF FGGG			25	35
2589-15524	2-10022/1492	2-10022/0385	09/02/76	70	8212	3308N	09139W	50.1	122.0	GGG FGGG			25	36
2589-15530	2-10022/1493	2-10022/0386	09/02/76	40	8212	3141N	09205W	50.6	120.2	GGG FGGG			25	37
2589-15533	2-10022/1494	2-10022/0387	09/02/76	30	8212	3015N	09229W	51.0	118.3	GGG FGGG			25	38
2589-17312	00000/0000	2-10022/0388	09/02/76	40	8213	4856N	11149W	42.2	139.9	GGG FGGG			25	39
2589-17314	00000/0000	2-10022/0389	09/02/76	20	8213	4731N	11226W	43.0	138.4	GGGG			43	26
2589-17321	00000/0000	2-10022/0390	09/02/76	10	8213	4606N	11301W	43.8	137.0	GGGG			43	27
2589-17323	00000/0000	2-10022/0391	09/02/76	10	8213	4441N	11335W	44.6	135.4	GGGG			43	28
2589-17330	00000/0000	2-10022/0392	09/02/76	10	8213	4315N	11407W	45.4	133.9	GGGG			43	29
2589-17332	00000/0000	2-10022/0393	09/02/76	0	8213	4150N	11438W	46.2	132.3	GGGG			43	30
2589-17335	00000/0000	2-10022/0394	09/02/76	0	8213	4024N	11509W	46.9	130.7	GGGG			43	31
2589-17341	00000/0000	2-10022/0395	09/02/76	0	8213	3858N	11538W	47.6	129.1	GGGG			43	32
2589-17344	00000/0000	2-10022/0396	09/02/76	0	8213	3733N	11606W	48.2	127.4	GGGG			43	33
2589-17350	00000/0000	2-10022/0397	09/02/76	0	8213	3607N	11634W	48.9	125.7	GGGG			43	34
2589-17353	00000/0000	2-10022/0398	09/02/76	10	8213	3441N	11700W	49.5	124.0	GGGG			43	35
2589-17355	00000/0000	2-10022/0399	09/02/76	30	8213	3315N	11726W	50.0	122.2	GGGG			43	36
2589-17362	00000/0000	2-10022/0400	09/02/76	40	8213	3149N	11750W	50.5	120.4	GGGG			43	37
2589-20511	00000/0000	2-10022/0472	09/02/76	60	8215	7053N	14513W	26.3	166.5	GGGG			79	10

KEYS: CLSD COVER x ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

0129 APR 24, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 027R

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LANG	SUN FLEV. AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RAW NUMBER
2589-20513	00000/0000 2-10022/0473	09/02/76	60	8215	6935N 14719W	27.4 164.2	GGGG			79	11
2589-20520	00000/0000 2-10022/0474	09/02/76	80	8215	6817N 14910W	28.5 162.0	GGGG			79	12
2589-20522	00000/0000 2-10022/0475	09/02/76	90	8215	6657N 15049W	29.5 160.0	GGGG			79	13
2589-20525	00000/0000 2-10022/0476	09/02/76	70	8215	6537N 15219W	30.6 158.2	GGGG			79	14
2589-20531	00000/0000 2-10022/0477	09/02/76	30	8215	6416N 15340W	31.6 156.4	GGGG			79	15
2589-20534	00000/0000 2-10022/0478	09/02/76	20	8215	6254N 15453W	32.6 154.7	GGGG			79	16
2589-20540	00000/0000 2-10022/0479	09/02/76	70	8215	6132N 15601W	33.6 153.1	GGGG			79	17
2589-20543	00000/0000 2-10022/0480	09/02/76	100	8215	6008N 15704W	34.7 151.6	GGGG			79	18
2589-20552	00000/0000 2-10022/0481	09/02/76	90	8215	5722N 15859W	36.6 148.6	GGGG			79	20
2589-20554	00000/0000 2-10022/0482	09/02/76	90	8215	5558N 15951W	37.6 147.2	GGGG			79	21
2589-20561	00000/0000 2-10022/0483	09/02/76	80	8215	5434N 16039W	38.5 145.7	GGGG			79	22
2590-15534	00000/0000 2-10022/0486	09/03/76	60	8226	4855N 08728W	41.9 140.2	GGGG			26	26
2590-15541	00000/0000 2-10022/0427	09/03/76	30	8226	4730N 08804W	42.7 138.7	GGGG			26	27
2590-15543	00000/0000 2-10022/0428	09/03/76	40	8226	4605N 08839W	43.6 137.2	GGGG			26	28
2590-15550	00000/0000 2-10022/0429	09/03/76	10	8226	4440N 08913W	44.4 135.7	GGGG			26	29
2590-15552	00000/0000 2-10022/0430	09/03/76	10	8226	4315N 08946W	45.2 134.2	GGGG			26	30
2590-15555	00000/0000 2-10022/0431	09/03/76	10	8226	4149N 09017W	45.9 132.7	GGGG			26	31
2590-15561	00000/0000 2-10022/0432	09/03/76	10	8226	4023N 09047W	46.7 131.1	GGGG			26	32
2590-15564	00000/0000 2-10022/0433	09/03/76	10	8226	3858N 09116W	47.4 129.5	GGGG			26	33
2590-15570	00000/0000 2-10022/0434	09/03/76	60	8226	3732N 09144W	48.0 127.8	GGGG			26	34
2590-15573	00000/0000 2-10022/0435	09/03/76	100	8226	3606N 09211W	48.7 126.1	GGGG			26	35
2590-15575	00000/0000 2-10022/0436	09/03/76	90	8226	3440N 09238W	49.3 124.4	GGGG			26	36
2590-15582	00000/0000 2-10022/0437	09/03/76	90	8226	3314N 09304W	49.8 122.6	FGGG			26	37
2590-15584	00000/0000 2-10022/0438	09/03/76	80	8226	3148N 09329W	50.3 120.8	GGGG			26	38
2590-15591	00000/0000 2-10022/0439	09/03/76	20	8226	3021N 09354W	50.8 119.0	GGGG			26	39
2590-15593	00000/0000 2-10022/0440	09/03/76	20	8226	2855N 09418W	51.3 117.1	FFGG			26	40
2590-16000	00000/0000 2-10022/0441	09/03/76	30	8226	2729N 09442W	51.7 115.2	FFGG			26	41
2590-16002	00000/0000 2-10022/0442	09/03/76	20	8226	2603N 09505W	52.0 113.3	FFGG			26	42
2590-16005	00000/0000 2-10022/0443	09/03/76	30	8226	2436N 09528W	52.3 111.3	FGGG			26	43
2590-17370	00000/0000 2-10022/0401	09/03/76	10	8227	4855N 11315W	41.9 140.2	GGGG			44	26
2590-17372	00000/0000 2-10022/0402	09/03/76	10	8227	4731N 11351W	42.7 138.7	GGGG			44	27
2590-17375	00000/0000 2-10022/0403	09/03/76	0	8227	4605N 11427W	43.6 137.3	GGGG			44	28
2590-17381	00000/0000 2-10022/0404	09/03/76	0	8227	4440N 11500W	44.4 135.8	GGGG			44	29
2590-17384	00000/0000 2-10022/0405	09/03/76	10	8227	4314N 11533W	45.2 134.2	GGGG			44	30
2590-17390	00000/0000 2-10022/0406	09/03/76	0	8227	4149N 11605W	45.9 132.7	GGGG			44	31
2590-17393	00000/0000 2-10022/0407	09/03/76	0	8227	4023N 11635W	46.6 131.1	GGGG			44	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0279

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2590-17395	00000/0000	2-10022/0408	09/03/76	10	8227	3857N	11704W	47.3	129.5				
2590-17402	00000/0000	2-10022/0409	09/03/76	0	8227	3732N	11732W	48.0	127.8	GGGG		44	33
2590-17404	00000/0000	2-10022/0410	09/03/76	10	8227	3606N	11759W	48.6	126.1	GGGG		44	34
2590-17411	00000/0000	2-10022/0411	09/03/76	40	8227	3440N	11826W	49.2	124.4	GGGG		44	35
2590-17413	00000/0000	2-10022/0412	09/03/76	70	8227	3314N	11851W	49.8	122.6	GGGG		44	36
2590-20565	00000/0000	2-10022/0413	09/03/76	100	8229	7052N	14645W	26.0	166.6	GGGG		44	37
2590-20572	00000/0000	2-10022/0414	09/03/76	90	8229	6935N	14850W	27.0	164.3	GGGG		80	10
2590-20574	00000/0000	2-10022/0415	09/03/76	90	8229	6816N	15040W	28.1	162.1	GGGG		80	11
2590-20581	00000/0000	2-10022/0416	09/03/76	100	8229	6657N	15220W	29.2	160.1	GGGG		80	12
2590-20583	00000/0000	2-10022/0417	09/03/76	90	8229	6536N	15350W	30.2	158.3	GGGG		80	13
2590-20590	00000/0000	2-10022/0418	09/03/76	80	8229	6414N	15511W	31.3	156.5	GGGG		80	14
2590-20592	00000/0000	2-10022/0419	09/03/76	70	8229	6253N	15624W	32.3	154.9	GGGG		80	15
2590-20595	00000/0000	2-10022/0420	09/03/76	60	8229	6130N	15732W	33.3	153.3	GGGG		80	16
2590-21001	00000/0000	2-10022/0421	09/03/76	30	8229	6007N	15835W	34.3	151.8	GGGG		80	17
2590-21004	00000/0000	2-10022/0422	09/03/76	20	8229	5844N	15933W	35.3	150.3	GGGG		80	18
2590-21010	00000/0000	2-10022/0423	09/03/76	40	8229	5721N	16027W	36.3	148.8	GGGG		80	19
2590-21013	00000/0000	2-10022/0424	09/03/76	80	8229	5557N	16118W	37.3	147.4	GGGG		80	20
2590-21015	00000/0000	2-10022/0425	09/03/76	60	8229	5433N	16207W	38.2	145.9	GGGG		80	21
2591-14163	00000/0000	2-10022/0484	09/04/76	40	8239	4729N	06341W	42.5	135.0	GGG		80	22
2591-15593	00000/0000	2-10022/0485	09/04/76	90	8240	4853N	08854W	41.6	140.4	GGGG		27	27
2591-15595	00000/0000	2-10022/0486	09/04/76	90	8240	4728N	08930W	42.5	139.0	GGGG		27	26
2591-16002	00000/0000	2-10022/0487	09/04/76	80	8240	4604N	09005W	43.3	137.5	GGGG		27	27
2591-16004	00000/0000	2-10022/0488	09/04/76	10	8240	4438N	09039W	44.1	136.1	GGGG		27	28
2591-16011	00000/0000	2-10022/0489	09/04/76	0	8240	4313N	09111W	44.9	134.6	GGGG		27	29
2591-16013	00000/0000	2-10022/0490	09/04/76	0	8240	4147N	09143W	45.7	133.0	GGGG		27	30
2591-16020	00000/0000	2-10022/0491	09/04/76	10	8240	4022N	09213W	46.4	131.4	GGGG		27	31
2591-16022	00000/0000	2-10022/0492	09/04/76	10	8240	3855N	09242W	47.1	129.8	GGGG		27	32
2591-16025	00000/0000	2-10022/0493	09/04/76	10	8240	3729N	09311W	47.8	128.2	GGGG		27	33
2591-16031	00000/0000	2-10022/0494	09/04/76	20	8240	3603N	09338W	48.4	126.5	GGGG		27	34
2591-16034	00000/0000	2-10022/0495	09/04/76	40	8240	3436N	09405W	49.0	124.8	GGGG		27	35
2591-16040	00000/0000	2-10022/0534	09/04/76	50	8240	3311N	09431W	49.6	123.1	GG G		27	36
2591-16043	00000/0000	2-10022/0535	09/04/76	70	8240	3146N	09457W	50.2	121.3	GG G		27	37
2591-16045	00000/0000	2-10022/0536	09/04/76	50	8240	3020N	09521W	50.7	119.5	GGGG		27	38
2591-16052	00000/0000	2-10022/0537	09/04/76	30	8240	2853N	09546W	51.1	117.6	GGGG		27	39
2591-16054	00000/0000	2-10022/0538	09/04/76	20	8240	2728N	09609W	51.5	115.7	GGGG		27	40
2591-16061	00000/0000	2-10022/0539	09/04/76	20	8240	2601N	09632W	51.9	113.8	GGGG		27	41
												27	42

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANK) BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0280

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2591-16063	00000/0000	2-10022/0540	09/04/76	10	8240	2435N	09654W	52.2	111.8	GGGG			27	43
2591-17424	00000/0000	2-10022/0522	09/04/76	10	8241	4854N	11442W	41.6	140.5	GGGG			45	26
2591-17431	00000/0000	2-10022/0523	09/04/76	0	8241	4728N	11518W	42.4	139.0	GGGG			45	27
2591-17433	00000/0000	2-10022/0524	09/04/76	0	8241	4604N	11554W	43.3	137.6	GGGG			45	28
2591-17440	00000/0000	2-10022/0525	09/04/76	0	8241	4439N	11628W	44.1	136.1	GGGG			45	29
2591-17442	00000/0000	2-10022/0526	09/04/76	0	8241	4313N	11701W	44.9	134.6	GGGG			45	30
2591-17445	00000/0000	2-10022/0527	09/04/76	0	8241	4148N	11732W	45.7	133.0	GGGG			45	31
2591-17451	00000/0000	2-10022/0528	09/04/76	10	8241	4023N	11802W	46.4	131.5	GGGG			45	32
2591-17454	00000/0000	2-10022/0529	09/04/76	10	8241	3857N	11831W	47.1	129.9	GGGG			45	33
2591-17460	00000/0000	2-10022/0530	09/04/76	20	8241	3731N	11859W	47.8	128.2	GGGG			45	34
2591-17463	00000/0000	2-10022/0531	09/04/76	30	8241	3604N	11926W	48.4	126.6	GGGG			45	35
2591-17465	00000/0000	2-10022/0532	09/04/76	20	8241	3438N	11952W	49.0	124.8	GGGG			45	36
2591-17472	00000/0000	2-10022/0533	09/04/76	70	8241	3313N	12018W	49.6	123.1	GGGG			45	37
2591-21023	00000/0000	2-10022/0496	09/04/76	80	8243	7054N	14806W	25.6	166.8	GGGG			81	10
2591-21032	00000/0000	2-10022/0497	09/04/76	30	8243	6818N	15203W	27.7	162.3	GGGG			81	12
2591-21035	00000/0000	2-10022/0498	09/04/76	40	8243	6658N	15343W	28.8	160.3	GGGG			81	13
2591-21041	00000/0000	2-10022/0499	09/04/76	40	8243	6537N	15513W	29.8	158.5	GGGG			81	14
2591-21044	00000/0000	2-10022/0500	09/04/76	60	8243	6416N	15635W	30.9	156.7	GGGG			81	15
2591-21050	00000/0000	2-10022/0501	09/04/76	50	8243	6254N	15750W	31.9	155.1	GGGG			81	16
2591-21053	00000/0000	2-10022/0502	09/04/76	50	8243	6132N	15858W	32.9	153.5	GGGG			81	17
2591-21055	00000/0000	2-10022/0503	09/04/76	10	8243	6009N	16001W	34.0	152.0	GGGG			81	18
2591-21062	00000/0000	2-10022/0504	09/04/76	10	8243	5846N	16059W	35.0	150.5	GGGG			81	19
2591-21064	00000/0000	2-10022/0505	09/04/76	40	8243	5723N	16153W	35.9	149.1	GGGG			81	20
2591-21071	00000/0000	2-10022/0506	09/04/76	70	8243	5559N	16243W	36.9	147.6	GGGG			81	21
2591-21073	00000/0000	2-10022/0507	09/04/76	30	8243	5435N	16332W	37.9	146.2	GGGG			81	22
2591-21080	00000/0000	2-10022/0508	09/04/76	70	8243	5311N	16417W	38.8	144.8	GGGG			81	23
2592-14222	00000/0000	2-10022/0541	09/05/76	90	8253	4731N	06505W	42.2	139.3	GGGG			10	27
2592-14224	00000/0000	2-10022/0542	09/05/76	90	8253	4606N	06540W	43.0	137.9	GGGG			10	28
2592-14231	00000/0000	2-10022/0543	09/05/76	70	8253	4441N	06614W	43.8	136.4	GGGG			10	29
2592-14233	00000/0000	2-10022/0544	09/05/76	20	8253	4315N	06647W	44.6	134.9	GGGG			10	30
2592-16051	00000/0000	2-10022/0545	09/05/76	80	8254	4856N	09019W	41.3	140.8	GGGG			28	26
2592-16053	00000/0000	2-10022/0546	09/05/76	90	8254	4731N	09056W	42.1	139.4	GGGG			28	27
2592-16060	00000/0000	2-10022/0547	09/05/76	40	8254	4605N	09131W	43.0	137.9	GGGG			28	28
2592-16062	00000/0000	2-10022/0548	09/05/76	10	8254	4440N	09205W	43.8	136.4	GGGG			28	29
2592-16065	00000/0000	2-10022/0549	09/05/76	0	8254	4315N	09237W	44.6	135.0	GGGG			28	30
2592-16071	00000/0000	2-10022/0550	09/05/76	10	8254	4149N	09308W	45.4	133.4	GGGG			28	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0281

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBLI MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINCIPAL PAINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2592-16074	00000/0000	2-10022/0551	09/05/76	50	8254	4023N	09339W	46.1	131.9	GGGG			28	32
2592-16080	00000/0000	2-10022/0552	09/05/76	40	8254	3857N	09408W	46.8	130.3	GGGG			28	33
2592-16083	00000/0000	2-10022/0553	09/05/76	60	8254	3732N	09436W	47.5	128.7	GGGG			28	34
2592-16085	00000/0000	2-10022/0554	09/05/76	10	8254	3606N	09504W	48.2	127.0	GGGG			28	35
2592-16092	00000/0000	2-10022/0570	09/05/76	10	8254	3440N	09530W	48.8	125.3	GGGG			28	36
2592-16094	00000/0000	2-10022/0571	09/05/76	10	8254	3314N	09556W	49.4	123.6	GGGG			28	37
2592-16101	00000/0000	2-10022/0572	09/05/76	10	8254	3148N	09621W	49.9	121.8	GGGG			28	38
2592-16103	00000/0000	2-10022/0573	09/05/76	10	8254	3022N	09646W	50.5	120.0	GGGG			28	39
2592-16110	00000/0000	2-10022/0574	09/05/76	10	8254	2856N	09711W	50.9	118.2	GGGG			28	40
2592-16112	00000/0000	2-10022/0575	09/05/76	10	8254	2729N	09734W	51.4	116.3	GGGG			28	41
2592-16115	00000/0000	2-10022/0576	09/05/76	10	8254	2603N	09757W	51.7	114.4	GGGG			28	42
2592-17482	00000/0000	2-10022/0834	09/05/76	20	8255	4855N	11607W	41.3	140.8	GGGG			46	26
2592-17485	00000/0000	2-10022/0835	09/05/76	30	8255	4730N	11644W	42.1	139.4	GGGG			46	27
2592-17491	00000/0000	2-10022/0836	09/05/76	40	8255	4606N	11719W	43.0	137.9	GGGG			46	28
2592-17494	00000/0000	2-10022/0837	09/05/76	40	8255	4441N	11753W	43.8	136.5	GGGG			46	29
2592-17500	00000/0000	2-10022/0838	09/05/76	30	8255	4316N	11825W	44.6	135.0	GGGG			46	30
2592-17503	00000/0000	2-10022/0839	09/05/76	10	8255	4150N	11857W	45.4	133.5	GGGG			46	31
2592-17505	00000/0000	2-10022/0840	09/05/76	10	8255	4025N	11927W	46.1	131.9	GGGG			46	32
2592-17512	00000/0000	2-10022/0841	09/05/76	60	8255	3859N	11956W	46.8	130.3	GGGG			46	33
2592-17514	00000/0000	2-10022/0842	09/05/76	60	8255	3733N	12025W	47.5	128.7	GGGG			46	34
2592-17521	00000/0000	2-10022/0843	09/05/76	50	8255	3607N	12052W	48.2	127.0	GGGG			46	35
2592-17523	00000/0000	2-10022/0844	09/05/76	80	8255	3440N	12119W	48.8	125.4	GGGG			46	36
2592-17530	00000/0000	2-10022/0845	09/05/76	90	8255	3314N	12145W	49.4	123.6	GGGG			46	37
2592-21082	00000/0000	2-10022/0509	09/05/76	10	8257	7052N	14937W	25.2	166.8	GFGG			82	10
2592-21084	00000/0000	2-10022/0510	09/05/76	30	8257	6935N	15141W	26.3	164.5	GFGG			82	11
2592-21091	00000/0000	2-10022/0511	09/05/76	70	8257	6816N	15332W	27.4	162.4	GGGG			82	12
2592-21093	00000/0000	2-10022/0512	09/05/76	90	8257	6656N	15511W	28.4	160.4	GGGG			82	13
2592-21100	00000/0000	2-10022/0513	09/05/76	90	8257	6536N	15641W	29.5	158.6	GGGG			82	14
2592-21102	00000/0000	2-10022/0514	09/05/76	90	8257	6414N	15802W	30.6	156.9	GGGG			82	15
2592-21105	00000/0000	2-10022/0515	09/05/76	90	8257	6252N	15916W	31.6	155.2	GGGG			82	16
2592-21111	00000/0000	2-10022/0516	09/05/76	80	8257	6130N	16024W	32.6	153.7	GGGG			82	17
2592-21120	00000/0000	2-10022/0517	09/05/76	90	8257	5845N	16226W	34.6	150.7	GGGG			82	19
2592-21123	00000/0000	2-10022/0518	09/05/76	90	8257	5721N	16321W	35.6	149.2	GGGG			82	20
2592-21125	00000/0000	2-10022/0519	09/05/76	90	8257	5558N	16412W	36.6	147.8	GGGG			82	21
2592-21132	00000/0000	2-10022/0520	09/05/76	100	8257	5433N	16501W	37.6	146.4	GGGG			82	22
2592-21134	00000/0000	2-10022/0521	09/05/76	100	8257	5309N	16546W	38.5	145.0	GGGG			82	23

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER,  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0282

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RAW NUMBER
2593-14280	00000/0000	2-10022/0577	09/06/76	70	8267	4729N	06633W	41.9	139.6	GGGG		11	27
2593-14282	00000/0000	2-10022/0578	09/06/76	90	8267	4604N	06708W	42.7	138.2	GGGG		11	28
2593-14285	00000/0000	2-10022/0579	09/06/76	60	8267	4439N	06741W	43.6	136.7	GGGG		11	29
2593-14291	00000/0000	2-10022/0580	09/06/76	10	8267	4314N	06814W	44.4	135.3	GGGG		11	30
2593-14294	00000/0000	2-10022/0581	09/06/76	20	8267	4148N	06845W	45.1	133.8	GGGG		11	31
2593-14300	00000/0000	2-10022/0582	09/06/76	20	8267	4022N	06915W	45.9	132.2	GGGG		11	32
2593-16105	00000/0000	2-10022/0583	09/06/76	10	8268	4855N	09147W	41.0	141.1	GGGG		29	26
2593-16112	00000/0000	2-10022/0584	09/06/76	0	8268	4730N	09223W	41.9	139.6	GGGG		29	27
2593-16114	00000/0000	2-10022/0585	09/06/76	0	8268	4605N	09258W	42.7	138.2	GGGG		29	28
2593-16121	00000/0000	2-10022/0586	09/06/76	0	8268	4438N	09332W	43.5	136.8	GGGG		29	29
2593-16123	00000/0000	2-10022/0587	09/06/76	0	8268	4312N	09405W	44.3	135.3	GGGG		29	30
2593-16130	00000/0000	2-10022/0588	09/06/76	10	8268	4147N	09436W	45.1	133.8	GGGG		29	31
2593-16132	00000/0000	2-10022/0589	09/06/76	30	8268	4022N	09506W	45.9	132.3	GGGG		29	32
2593-16135	00000/0000	2-10022/0590	09/06/76	60	8268	3856N	09535W	46.6	130.7	GGGG		29	33
2593-16141	00000/0000	2-10022/0591	09/06/76	10	8268	3731N	09604W	47.3	129.1	GGGG		29	34
2593-16144	00000/0000	2-10022/0592	09/06/76	10	8268	3605N	09631W	48.0	127.4	GGGG		29	35
2593-16150	00000/0000	2-10022/0593	09/06/76	10	8268	3438N	09657W	48.6	125.8	GGGG		29	36
2593-16153	00000/0000	2-10022/0594	09/06/76	10	8268	3312N	09723W	49.2	124.1	GGGG		29	37
2593-16155	00000/0000	2-10022/0595	09/06/76	10	8268	3147N	09748W	49.7	122.3	GGGG		29	38
2593-16162	00000/0000	2-10022/0596	09/06/76	20	8268	3020N	09813W	50.3	120.5	GP GG		29	39
2593-16164	00000/0000	2-10022/0597	09/06/76	10	8268	2854N	09836W	50.8	118.7	GGGG		29	40
2593-16171	00000/0000	2-10022/0598	09/06/76	10	8268	2728N	09900W	51.2	116.8	GGGG		29	41
2593-16173	00000/0000	2-10022/0599	09/06/76	10	8268	2602N	09923W	51.6	114.9	GGGG		29	42
2593-17543	00000/0000	2-10022/0600	09/06/76	10	8269	4730N	11810W	41.8	139.7	G		47	27
2593-17550	00000/0000	2-10022/0601	09/06/76	10	8269	4605N	11845W	42.7	138.2	GGGG		47	28
2593-17552	00000/0000	2-10022/0602	09/06/76	10	8269	4440N	11919W	43.5	136.8	GGGG		47	29
2593-17555	00000/0000	2-10022/0603	09/06/76	30	8269	4315N	11951W	44.3	135.3	GGGG		47	30
2593-17561	00000/0000	2-10022/0604	09/06/76	10	8269	4149N	12023W	45.1	133.8	GGGG		47	31
2593-17564	00000/0000	2-10022/0605	09/06/76	0	8269	4024N	12053W	45.9	132.3	GGGG		47	32
2593-17570	00000/0000	2-10022/0606	09/06/76	10	8269	3858N	12122W	46.6	130.7	GGGG		47	33
2593-17573	00000/0000	2-10022/0607	09/06/76	40	8269	3731N	12150W	47.3	129.1	GGGG		47	34
2593-17575	00000/0000	2-10022/0608	09/06/76	70	8269	3605N	12218W	47.9	127.5	GGGG		47	35
2593-17582	00000/0000	2-10022/0609	09/06/76	90	8271	3439N	12244W	48.6	125.8	GGGG		47	36
2593-21140	00000/0000	2-10022/0610	09/06/76	90	8271	3314N	15104W	24.9	166.9	GGGG		83	10
2593-21142	00000/0000	2-10022/0611	09/06/76	90	8271	3149N	15307W	26.0	164.6	GGGG		83	11
2593-21145	00000/0000	2-10022/0612	09/06/76	100	8271	3020N	15458W	27.0	162.5	GGGG		83	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0283

OBSERVATION ID	MICROFILM POSITION RBV	RAIL NO./ IN RAIL MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SARBIT PATH NUMBER	FRAME ROW NUMBER
2593-21151	00000/0000	2-10022/0661	09/06/76	90	8271	6655N	15637W	28.1	160.5	FGFG			83	13
2593-21154	00000/0000	2-10022/0662	09/06/76	90	8271	6535N	15806W	29.2	158.7	GGGG			83	14
2593-21160	00000/0000	2-10022/0663	09/06/76	80	8271	6414N	15927W	30.2	157.0	GGGG			83	15
2593-21163	00000/0000	2-10022/0664	09/06/76	70	8271	6252N	16041W	31.3	155.4	GGGG			83	16
2593-21165	00000/0000	2-10022/0665	09/06/76	70	8271	6130N	16149W	32.3	153.8	GGGG			83	17
2593-21172	00000/0000	2-10022/0666	09/06/76	30	8271	6006N	16252W	33.3	152.3	GGGG			83	18
2593-21174	00000/0000	2-10022/0667	09/06/76	30	8271	5844N	16351W	34.3	150.9	GFGG			83	19
2593-21181	00000/0000	2-10022/0668	09/06/76	70	8271	5720N	16446W	35.3	149.4	GGGF			83	20
2593-21183	00000/0000	2-10022/0669	09/06/76	70	8271	5556N	16538W	36.3	148.0	GGGG			83	21
2593-21190	00000/0000	2-10022/0670	09/06/76	90	8271	5432N	16625W	37.2	146.6	GGGG			83	22
2593-21192	00000/0000	2-10022/0671	09/06/76	90	8271	5307N	16709W	38.2	145.3	GGFG			83	23
2594-14334	00000/0000	2-10022/0610	09/07/76	90	8281	4728N	06758W	41.6	139.9	GGGG			12	27
2594-14341	00000/0000	2-10022/0611	09/07/76	90	8281	4603N	06833W	42.4	138.5	GFGG			12	28
2594-14343	00000/0000	2-10022/0612	09/07/76	10	8281	4437N	06907W	43.3	137.1	FGGG			12	29
2594-14350	00000/0000	2-10022/0613	09/07/76	10	8281	4312N	06940W	44.1	135.6	FGGG			12	30
2594-14352	00000/0000	2-10022/0614	09/07/76	10	8281	4146N	07011W	44.9	134.1	FGGG			12	31
2594-14355	00000/0000	2-10022/0615	09/07/76	10	8281	4021N	07042W	45.6	132.6	FFGG			12	32
2594-14361	00000/0000	2-10022/0616	09/07/76	10	8281	3855N	07111W	46.4	131.0	GGGG			12	33
2594-14364	00000/0000	2-10022/0617	09/07/76	10	8281	3730N	07140W	47.1	129.5	FGGG			12	34
2594-14370	00000/0000	2-10022/0618	09/07/76	10	8281	3604N	07208W	47.8	127.8	GGGG			12	35
2594-16163	00000/0000	2-10022/0631	09/07/76	0	8282	4853N	09313W	40.7	141.3	FFGG			30	26
2594-16170	00000/0000	2-10022/0632	09/07/76	0	8282	4728N	09350W	41.6	139.9	GFGG			30	27
2594-16172	00000/0000	2-10022/0633	09/07/76	0	8282	4603N	09425W	42.4	138.5	GGGG			30	28
2594-16175	00000/0000	2-10022/0634	09/07/76	10	8282	4438N	09459W	43.3	137.1	GGGG			30	29
2594-16181	00000/0000	2-10022/0635	09/07/76	10	8282	4313N	09531W	44.1	135.6	GGGG			30	30
2594-16184	00000/0000	2-10022/0636	09/07/76	10	8282	4148N	09602W	44.9	134.1	GGGG			30	31
2594-16190	00000/0000	2-10022/0637	09/07/76	10	8282	4022N	09633W	45.6	132.6	GGGG			30	32
2594-16193	00000/0000	2-10022/0638	09/07/76	10	8282	3856N	09702W	46.4	131.1	GGGG			30	33
2594-16195	00000/0000	2-10022/0639	09/07/76	0	8282	3730N	09730W	47.1	129.5	GGGG			30	34
2594-16202	00000/0000	2-10022/0640	09/07/76	0	8282	3604N	09757W	47.7	127.9	FGGG			30	35
2594-16204	00000/0000	2-10022/0641	09/07/76	0	8282	3437N	09824W	48.4	126.2	GGGG			30	36
2594-16211	00000/0000	2-10022/0642	09/07/76	20	8282	3312N	09849W	49.0	124.5	GGGG			30	37
2594-16213	00000/0000	2-10022/0643	09/07/76	60	8282	3146N	09914W	49.6	122.8	GGGG			30	38
2594-16220	00000/0000	2-10022/0644	09/07/76	60	8282	3019N	09939W	50.1	121.0	GGGG			30	39
2594-16222	00000/0000	2-10022/0645	09/07/76	10	8282	2853N	10003W	50.6	119.2	FFFF			30	40
2594-16225	00000/0000	2-10022/0646	09/07/76	10	8282	2727N	10027W	51.0	117.4	GGGG			30	41

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0284

OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RRV	DATE ACQUIRED	CLOUD COVER	BRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RRV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	BRBIT PATH NUMBER	FRAME ROW NUMBER
2594-16231	00000/0000	2-10022/0647	09/07/76	10	8282	2601N	10050W	51.4	115.5				
2594-17595	00000/0000	2-10022/0648	09/07/76	30	8283	4854N	11901W	40.7	141.4	GGGG		30	42
2594-18001	00000/0000	2-10022/0649	09/07/76	10	8283	4728N	11938W	41.5	140.0	GGGG		48	26
2594-18004	00000/0000	2-10022/0650	09/07/76	10	8283	4603N	12013W	42.4	138.5	GGGG		48	27
2594-18010	00000/0000	2-10022/0651	09/07/76	10	8283	4438N	12047W	43.2	137.1	GGGG		48	28
2594-18013	00000/0000	2-10022/0652	09/07/76	0	8283	4313N	12119W	44.1	135.7	GGGG		48	29
2594-18015	00000/0000	2-10022/0653	09/07/76	0	8283	4147N	12150W	44.8	134.2	GGGG		48	30
2594-18022	00000/0000	2-10022/0654	09/07/76	0	8283	4021N	12220W	45.6	132.6	GGGG		48	31
2594-18024	00000/0000	2-10022/0655	09/07/76	0	8283	3856N	12249W	46.3	131.1	GGGG		48	32
2594-18031	00000/0000	2-10022/0656	09/07/76	10	8283	3730N	12318W	47.0	129.5	FGGF		48	33
2594-18033	00000/0000	2-10022/0657	09/07/76	20	8283	3604N	12345W	47.7	127.9	FGGF		48	34
2594-21194	00000/0000	2-10022/0657	09/07/76	10	8285	7054N	15223W	24.5	167.1	GGGG		84	35
2594-21203	00000/0000	2-10022/0688	09/07/76	90	8285	6817N	15620W	26.6	162.7	GGGG		84	10
2594-21210	00000/0000	2-10022/0689	09/07/76	70	8285	6658N	15800W	27.7	160.7	GGGG		84	12
2594-21212	00000/0000	2-10022/0690	09/07/76	30	8285	6527N	15930W	28.8	158.9	GGGG		84	13
2594-21215	00000/0000	2-10022/0691	09/07/76	20	8285	6416N	16051W	29.8	157.2	GGGG		84	14
2594-21221	00000/0000	2-10022/0692	09/07/76	20	8285	6244N	16205W	30.9	155.6	GGGG		84	15
2594-21224	00000/0000	2-10022/0693	09/07/76	40	8285	6132N	16313W	31.9	154.0	GGGG		84	16
2594-21230	00000/0000	2-10022/0694	09/07/76	40	8285	6009N	16416W	32.9	152.6	GGGG		84	17
2594-21235	00000/0000	2-10022/0695	09/07/76	70	8285	5722N	16609W	34.9	149.7	GGGG		84	18
2594-21242	00000/0000	2-10022/0696	09/07/76	90	8285	5558N	16701W	35.9	148.3	GGGG		84	20
2594-21244	00000/0000	2-10022/0697	09/07/76	90	8285	5434N	16749W	36.9	146.9	GGGG		84	21
2594-21251	00000/0000	2-10022/0698	09/07/76	70	8285	5309N	16834W	37.8	145.6	GGGG		84	22
2594-21253	00000/0000	2-10022/0699	09/07/76	80	8235	5145N	16917W	38.8	144.2	GGGG		84	23
2595-14393	00000/0000	2-10022/0620	09/08/76	50	8295	4726N	06926W	41.3	140.2	GGG		13	24
2595-14395	00000/0000	2-10022/0621	09/08/76	30	8295	4601N	07001W	42.2	138.8	GGG		13	27
2595-14402	00000/0000	2-10022/0622	09/08/76	10	8295	4437N	07035W	43.0	137.4	GGG		13	28
2595-14404	00000/0000	2-10022/0623	09/08/76	10	8295	4311N	07108W	43.8	135.9	GGG		13	29
2595-14411	00000/0000	2-10022/0624	09/08/76	10	8295	4146N	07139W	44.6	134.5	GGGP		13	30
2595-14413	00000/0000	2-10022/0625	09/08/76	10	8295	4020N	07209W	45.4	133.0	GGGF		13	31
2595-14420	00000/0000	2-10022/0626	09/08/76	10	8295	3854N	07238W	46.1	131.4	GGGG		13	32
2595-14422	00000/0000	2-10022/0627	09/08/76	10	8295	3728N	07306W	46.8	129.9	GGGF		13	33
2595-14425	00000/0000	2-10022/0619	09/08/76	10	8295	3602N	07334W	47.5	128.2	GGGF		13	34
2595-14431	00000/0000	2-10022/0628	09/08/76	0	8295	3436N	07400W	48.2	126.6	G GF		13	35
2595-14434	00000/0000	2-10022/0629	09/08/76	10	8295	3310N	07426W	48.8	124.9	GGGF		13	36
2595-14440	00000/0000	2-10022/0630	09/08/76	70	8295	3143N	07451W	49.4	123.2	GGGG		13	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER,  
IMAGE QUALITY ..... BLANKS=9 AND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0285

OBSERVATION ID	MICROFILM REEL NO., POSITION IN REEL RBV	MSS	DATE ACQUIRED	CLOUD COVER NUMBER	SUNBIT	PRINCIPAL POINT OF IMAGE LAT	LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2595-16224	00000/0000	2-10022/0672	09/08/76	50	8296	4727N	09516W	41.3	140.2					
2595-16231	00000/0000	2-10022/0673	09/08/76	80	8296	4602N	09551W	42.1	138.2	GGGG			31	27
2595-16233	00000/0000	2-10022/0674	09/08/76	70	8296	4437N	09625W	43.0	137.4	GGGG			31	28
2595-16240	00000/0000	2-10022/0675	09/08/76	90	8296	4312N	09657W	43.8	136.0	GGGG			31	29
2595-16242	00000/0000	2-10022/0676	09/08/76	90	8296	4146N	09729W	44.6	134.5	GGGG			31	30
2595-16245	00000/0000	2-10022/0677	09/08/76	90	8296	4020N	09759W	45.4	133.0	GGGG			31	31
2595-16251	00000/0000	2-10022/0678	09/08/76	100	8296	3854N	09828W	46.1	131.5	GGGG			31	32
2595-16254	00000/0000	2-10022/0679	09/08/76	90	8296	3729N	09856W	46.8	129.9	GGGG			31	33
2595-16260	00000/0000	2-10022/0680	09/08/76	80	8296	3602N	09923W	47.5	128.3	GGGG			31	34
2595-16263	00000/0000	2-10022/0681	09/08/76	80	8296	3436N	09950W	48.2	126.6	GGGG			31	35
2595-16265	00000/0000	2-10022/0682	09/08/76	60	8296	3311N	10016W	48.8	125.0	GGGG			31	36
2595-16272	00000/0000	2-10022/0683	09/08/76	40	8296	3145N	10041W	49.4	123.2	GGGG			31	37
2595-16274	00000/0000	2-10022/0684	09/08/76	30	8296	3019N	10106W	49.9	121.5	GGGG			31	38
2595-16281	00000/0000	2-10022/0685	09/08/76	60	8296	2852N	10130W	50.4	119.7	GGGG			31	39
2595-16283	00000/0000	2-10022/0686	09/08/76	10	8296	2726N	10154W	50.9	117.9	GGGG			31	40
2595-18053	00000/0000	2-10022/0720	09/08/76	10	8297	4855N	12025W	40.3	141.7				49	41
2595-18060	00000/0000	2-10022/0715	09/08/76	10	8297	4730N	12102W	41.2	140.3	GG			49	26
2595-18062	00000/0000	2-10022/0716	09/08/76	0	8297	4606N	12137W	42.1	138.9	G GG			49	27
2595-18065	00000/0000	2-10022/0717	09/08/76	10	8297	4441N	12211W	42.9	137.5	G GG			49	28
2595-18071	00000/0000	2-10022/0718	09/08/76	0	8297	4315N	12244W	43.8	136.0	G FF			49	29
2595-18074	00000/0000	2-10022/0719	09/08/76	0	8297	4149N	12315W	44.6	134.6	G GG			49	30
2595-21252	00000/0000	2-10022/0700	09/08/76	90	8299	7052N	15354W	24.1	167.2	G CG			49	31
2595-21255	00000/0000	2-10022/0701	09/08/76	90	8299	6935N	15558W	25.2	164.9	GGGG			85	10
2595-21261	00000/0000	2-10022/0702	09/08/76	90	8299	6816N	15748W	26.3	162.8	GGGG			85	11
2595-21264	00000/0000	2-10022/0703	09/08/76	90	8299	6656N	15927W	27.4	160.8	GGGG			85	12
2595-21270	00000/0000	2-10022/0704	09/08/76	90	8299	6536N	16058W	28.4	159.0	GGGG			85	13
2595-21273	00000/0000	2-10022/0705	09/08/76	90	8299	6414N	16220W	29.5	157.3	GGGG			85	14
2595-21275	00000/0000	2-10022/0706	09/08/76	90	8299	6253N	16334W	30.5	155.7	GGGG			85	15
2595-21282	00000/0000	2-10022/0707	09/08/76	90	8299	6130N	16442W	31.6	154.2	GGGG			85	16
2595-21284	00000/0000	2-10022/0708	09/08/76	90	8299	6007N	16545W	32.6	152.7	GGGG			85	17
2595-21291	00000/0000	2-10022/0709	09/08/76	90	8299	5844N	16644W	33.6	151.3	GGGG			85	18
2595-21293	00000/0000	2-10022/0710	09/08/76	90	8299	5720N	16739W	34.6	149.9	GGGG			85	19
2595-21300	00000/0000	2-10022/0711	09/08/76	90	8299	5556N	16830W	35.6	148.5	GGGG			85	20
2595-21302	00000/0000	2-10022/0712	09/08/76	90	8299	5432N	16919W	36.6	147.1	GGGG			85	21
2595-21305	00000/0000	2-10022/0713	09/08/76	90	8299	5308N	17004W	37.5	145.8	GGGG			85	22
2595-21311	00000/0000	2-10022/0714	09/08/76	40	8299	5143N	17047W	38.5	144.4	GGGG			85	23
													85	24

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANNSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0284

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2596-14451	00000/0000	2-10022/0555	09/09/76	10	8309	4729N	07054W	41.0	140.5	GGGG			14	27
2596-14453	00000/0000	2-10022/0556	09/09/76	10	8309	4604N	07129W	41.8	139.2	GGGG			14	28
2596-14460	00000/0000	2-10022/0557	09/09/76	10	8309	4438N	07202W	42.7	137.8	GGGG			14	29
2596-14462	00000/0000	2-10022/0558	09/09/76	10	8309	4313N	07234W	43.5	136.3	GGGG			14	30
2596-14465	00000/0000	2-10022/0559	09/09/76	10	8309	4147N	07306W	44.3	134.9	GGGG			14	31
2596-14471	00000/0000	2-10022/0560	09/09/76	10	8309	4022N	07336W	45.1	133.4	GGGG			14	32
2596-14474	00000/0000	2-10022/0561	09/09/76	10	8309	3855N	07405W	45.9	131.9	GGGG			14	33
2596-14480	00000/0000	2-10022/0562	09/09/76	0	8309	3730N	07433W	46.6	130.3	GGGG			14	34
2596-14483	00000/0000	2-10022/0563	09/09/76	0	8309	3603N	07501W	47.3	128.7	GGGG			14	35
2596-14485	00000/0000	2-10022/0564	09/09/76	10	8309	3437N	07527W	47.9	127.1	GGGG			14	36
2596-14492	00000/0000	2-10022/0565	09/09/76	10	8309	3312N	07553W	48.6	125.4	GGGG			14	37
2596-14494	00000/0000	2-10022/0566	09/09/76	30	8309	3146N	07619W	49.1	123.7	GGGG			14	38
2596-14501	00000/0000	2-10022/0567	09/09/76	90	8309	3019N	07644W	49.7	122.0	GGGG			14	39
2596-14503	00000/0000	2-10022/0568	09/09/76	50	8309	2853N	07708W	50.2	120.2	GGGG			14	40
2596-14510	00000/0000	2-10022/0569	09/09/76	20	8309	2727N	07731W	50.7	118.4	GGGG			14	41
2596-16280	00000/0000	2-10022/0721	09/09/76	10	8310	4854N	09603W	40.1	141.9	FGGG			32	26
2596-16282	00000/0000	2-10022/0722	09/09/76	10	8310	4729N	09640W	41.0	140.6	FGGG			32	27
2596-16285	00000/0000	2-10022/0723	09/09/76	10	8310	4604N	09715W	41.8	139.2	GGGG			32	28
2596-16291	00000/0000	2-10022/0724	09/09/76	10	8310	4438N	09749W	42.7	137.8	FFGG			32	29
2596-16294	00000/0000	2-10022/0725	09/09/76	10	8310	4312N	09822W	43.5	136.4	GGGG			32	30
2596-16300	00000/0000	2-10022/0726	09/09/76	10	8310	4147N	09853W	44.3	134.9	GGGG			32	31
2596-16303	00000/0000	2-10022/0727	09/09/76	10	8310	4022N	09923W	45.1	133.4	FFGG			32	32
2596-16305	00000/0000	2-10022/0728	09/09/76	10	8310	3855N	09953W	45.8	131.9	FFGG			32	33
2596-16312	00000/0000	2-10022/0729	09/09/76	30	8310	3729N	10021W	46.6	130.3	GGGG			32	34
2596-16314	00000/0000	2-10022/0730	09/09/76	70	8310	3603N	10049W	47.2	128.8	GGGG			32	35
2596-16321	00000/0000	2-10022/0731	09/09/76	90	8310	3438N	10115W	47.9	127.1	GGGG			32	36
2596-16323	00000/0000	2-10022/0732	09/09/76	90	8310	3312N	10141W	48.5	125.5	GGGG			32	37
2596-16330	00000/0000	2-10022/0733	09/09/76	90	8310	3147N	10206W	49.1	123.8	GGGG			32	38
2596-16332	00000/0000	2-10022/0734	09/09/76	50	8310	3021N	10231W	49.7	122.0	GGGG			32	39
2596-16335	00000/0000	2-10022/0735	09/09/76	30	8310	2855N	10255W	50.2	120.3	GGGG			32	40
2596-16341	00000/0000	2-10022/0736	09/09/76	30	8310	2728N	10318W	50.7	118.5	GGGG			32	41
2596-18111	00000/0000	2-10022/0846	09/09/76	0	8311	4854N	12154W	40.0	142.0	GGGG			50	26
2596-18114	00000/0000	2-10022/0847	09/09/76	0	8311	4729N	12231W	40.9	140.6	FFGG			50	27
2596-18120	00000/0000	2-10022/0848	09/09/76	0	8311	4604N	12306W	41.8	139.2	GGGG			50	28
2596-18123	00000/0000	2-10022/0849	09/09/76	0	8311	4439N	12340W	42.7	137.8	GGGG			50	29
2596-18125	00000/0000	2-10022/0850	09/09/76	10	8311	4313N	12412W	43.5	136.4	GGGG			50	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0287

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLCUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2596-18132	00000/0000	2-10022/0851	09/09/76	10	8311	4148N	12443W	44.3	134.9	GGGG			50	31
2596-18134	00000/0000	2-10022/0852	09/09/76	0	8311	4023N	12514W	45.1	133.4	GGGG			50	32
2596-21311	00000/0000	2-10022/0737	09/09/76	90	8313	7050N	15519W	23.8	167.2	GGGG			86	10
2596-21313	00000/0000	2-10022/0738	09/09/76	90	8313	6932N	15723W	24.9	165.0	GGGG			86	11
2596-21320	00000/0000	2-10022/0739	09/09/76	90	8313	6814N	15913W	25.9	162.9	GGGG			86	12
2596-21322	00000/0000	2-10022/0740	09/09/76	90	8313	6654N	16051W	27.0	160.9	GGGG			86	13
2596-21325	00000/0000	2-10022/0741	09/09/76	90	8313	6534N	16221W	28.1	159.2	GGGG			86	14
2596-21331	00000/0000	2-10022/0742	09/09/76	90	8313	6413N	16342W	29.1	157.5	GGGG			86	15
2596-21334	00000/0000	2-10022/0743	09/09/76	90	8313	6251N	16457W	30.2	155.9	GGGG			86	16
2596-21340	00000/0000	2-10022/0744	09/09/76	90	8313	6122N	16606W	31.2	154.4	GGGG			86	17
2596-21343	00000/0000	2-10022/0745	09/09/76	90	8313	6006N	16710W	32.3	152.9	GGGG			86	18
2596-21345	00000/0000	2-10022/0746	09/09/76	90	8313	5842N	16809W	33.3	151.5	GGGG			86	19
2596-21352	00000/0000	2-10022/0747	09/09/76	90	8313	5719N	16904W	34.3	150.1	GGGG			86	20
2596-21354	00000/0000	2-10022/0748	09/09/76	90	8313	5555N	16956W	35.3	148.7	GGGG			86	21
2596-21361	00000/0000	2-10022/0749	09/09/76	90	8313	5431N	17044W	36.3	147.4	GGGG			86	22
2596-21363	00000/0000	2-10022/0750	09/09/76	90	8313	5307N	17130W	37.2	146.0	GGGG			86	23
2596-21370	00000/0000	2-10022/0751	09/09/76	90	8313	5142N	17212W	38.2	144.7	GGGG			86	24
2597-14505	00000/0000	2-10022/0817	09/10/76	90	8323	4727N	07219W	40.7	140.8	GGGG			15	27
2597-14512	00000/0000	2-10022/0818	09/10/76	90	8323	4602N	07255W	41.6	139.5	GGGG			15	28
2597-14514	00000/0000	2-10022/0819	09/10/76	90	8323	4436N	07328W	42.4	138.1	GGGG			15	29
2597-14521	00000/0000	2-10022/0820	09/10/76	100	8323	4311N	07400W	43.3	136.7	GGGG			15	30
2597-14523	00000/0000	2-10022/0821	09/10/76	100	8323	4145N	07432W	44.1	135.2	GGGG			15	31
2597-14530	00000/0000	2-10022/0822	09/10/76	100	8323	4019N	07502W	44.8	133.7	GGGG			15	32
2597-14532	00000/0000	2-10022/0823	09/10/76	100	8323	3853N	07531W	45.6	132.2	GGGG			15	33
2597-14535	00000/0000	2-10022/0824	09/10/76	90	8323	3728N	07559W	46.3	130.7	GGGG			15	34
2597-14541	00000/0000	2-10022/0825	09/10/76	80	8323	3602N	07626W	47.0	129.1	GGGG			15	35
2597-14544	00000/0000	2-10022/0826	09/10/76	70	8323	3436N	07653W	47.7	127.5	GGGG			15	36
2597-14550	00000/0000	2-10022/0827	09/10/76	70	8323	3309N	07719W	48.3	125.9	GGGG			15	37
2597-14553	00000/0000	2-10022/0828	09/10/76	90	8323	3143N	07744W	48.9	124.2	GGGG			15	38
2597-14555	00000/0000	2-10022/0829	09/10/76	90	8323	3017N	07809W	49.5	122.5	GGGG			15	39
2597-14562	00000/0000	2-10022/0830	09/10/76	90	8323	2851N	07834W	50.0	120.7	GGGG			15	40
2597-14564	00000/0000	2-10022/0831	09/10/76	50	8323	2726N	07857W	50.5	118.9	GGGG			15	41
2597-14571	00000/0000	2-10022/0832	09/10/76	20	8323	2559N	07920W	51.0	117.1	GGGG			15	42
2597-14573	00000/0000	2-10022/0833	09/10/76	30	8323	2432N	07943W	51.4	115.2	GGGG			15	43
2597-16334	00000/0000	2-10022/0753	09/10/76	0	8324	4852N	09730W	39.8	142.2	GGGG			33	26
2597-16341	00000/0000	2-10022/0754	09/10/76	0	8324	4726N	09807W	40.7	140.8	GGGG			33	27

KEYS: CLCUD COVER % ..... 0 TO 100 = % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 26, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 028A

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN FLYV. AZIM.	IMAGE QUAL RBV MSS	DUAL MSS DATA	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME ROW NUMBER
2597-16343	00000/0000 2-10022/0755	09/10/76	0	8324	4601N	09R42W	41.5 139.5	GGGG		33	28
2597-16350	00000/0000 2-10022/0756	09/10/76	0	8324	4436N	09R16W	42.4 138.1	GGGG		33	29
2597-16352	00000/0000 2-10022/0757	09/10/76	20	8324	4311N	09R49W	43.2 136.7	GGGG		33	30
2597-16355	00000/0000 2-10022/0758	09/10/76	50	8324	4145N	10020W	44.0 135.2	GGGG		33	31
2597-16361	00000/0000 2-10022/0759	09/10/76	30	8324	4019N	10051W	44.8 133.8	GGGG		33	32
2597-16364	00000/0000 2-10022/0760	09/10/76	10	8324	3854N	10120W	45.6 132.3	GGGG		33	33
2597-16370	00000/0000 2-10022/0761	09/10/76	40	8324	3728N	10148W	46.3 130.7	GGGG		33	34
2597-16373	00000/0000 2-10022/0762	09/10/76	90	8324	3601N	10215W	47.0 129.2	GGGG		33	35
2597-16375	00000/0000 2-10022/0763	09/10/76	50	8324	3435N	10242W	47.7 127.6	GGGG		33	36
2597-16382	00000/0000 2-10022/0764	09/10/76	80	8324	3310N	10308W	48.3 125.9	GGGG		33	37
2597-16384	00000/0000 2-10022/0765	09/10/76	90	8324	3144N	10333W	48.9 124.2	GGGG		33	38
2597-16391	00000/0000 2-10022/0766	09/10/76	90	8324	3018N	10357W	49.5 122.5	GGGG		33	39
2597-16393	00000/0000 2-10022/0767	09/10/76	80	8324	2852N	10421W	50.0 120.8	GGGG		33	40
2597-16400	00000/0000 2-10022/0768	09/10/76	40	8324	2726W	10445W	50.5 119.0	GGGG		33	41
2597-18170	00000/0000 2-10022/0853	09/10/76	40	8325	4852N	12321W	39.7 142.2	GGGG		51	26
2597-18172	00000/0000 2-10022/0854	09/10/76	30	8325	4726N	12358W	40.6 140.9	GGGG		51	27
2597-18175	00000/0000 2-10022/0855	09/10/76	20	8325	4601N	12432W	41.5 139.5	GGGG		51	28
2597-18181	00000/0000 2-10022/0856	09/10/76	40	8325	4436N	12506W	42.4 138.1	GGGG		51	29
2597-18184	00000/0000 2-10022/0857	09/10/76	60	8325	4310N	12538W	43.2 136.7	GGGG		51	30
2598-14563	00000/0000 2-10022/0800	09/11/76	70	8337	4728N	07342W	40.4 141.2	GGGG		16	27
2598-14570	00000/0000 2-10022/0801	09/11/76	80	8337	4603N	07417W	41.2 139.8	GGGG		16	28
2598-14572	00000/0000 2-10022/0802	09/11/76	90	8337	4437N	07451W	42.1 138.4	GGGG		16	29
2598-14575	00000/0000 2-10022/0803	09/11/76	80	8337	4312N	07523W	42.9 137.0	GGGG		16	30
2598-14581	00000/0000 2-10022/0804	09/11/76	60	8337	4147N	07555W	43.8 135.6	GGGG		16	31
2598-14584	00000/0000 2-10022/0805	09/11/76	40	8337	4021N	07626W	44.6 134.2	GGGG		16	32
2598-14590	00000/0000 2-10022/0806	09/11/76	10	8337	3856N	07655W	45.3 132.7	GGGG		16	33
2598-14593	00000/0000 2-10022/0807	09/11/76	10	8337	3730N	07724W	46.1 131.2	GGGG		16	34
2598-14595	00000/0000 2-10022/0808	09/11/76	0	8337	3604N	07751W	46.8 129.6	GGGG		16	35
2598-15002	00000/0000 2-10022/0809	09/11/76	0	8337	3438N	07817W	47.5 128.0	GGGG		16	36
2598-15004	00000/0000 2-10022/0810	09/11/76	10	8337	3312N	07843W	48.1 126.4	GGGG		16	37
2598-15011	00000/0000 2-10022/0811	09/11/76	20	8337	3146N	07909W	48.7 124.7	GGGG		16	38
2598-15013	00000/0000 2-10022/0812	09/11/76	60	8337	3020N	07933W	49.3 123.0	GGGG		16	39
2598-15020	00000/0000 2-10022/0813	09/11/76	70	8337	2853N	07958W	49.8 121.3	GGGG		16	40
2598-15022	00000/0000 2-10022/0814	09/11/76	70	8337	2727N	08021W	50.4 119.5	GGGG		16	41
2598-15025	00000/0000 2-10022/0815	09/11/76	60	8337	2601N	08045W	50.8 117.7	GGGG		16	42
2598-15031	00000/0000 2-10022/0816	09/11/76	40	8337	2435N	08108W	51.2 115.8	GGGG		16	43

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0289

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2598-16392	00000/0000	2-10022/0768	09/11/76	0	8338	4854N	09AS7W	39.4	142.5	GGFF		34	26
2598-16395	00000/0000	2-10022/0769	09/11/76	10	8338	4729N	09935W	40.3	141.2	GGGG		34	27
2598-16401	00000/0000	2-10022/0770	09/11/76	10	8338	4603N	10010W	41.2	139.8	FGGG		34	28
2598-16404	00000/0000	2-10022/0771	09/11/76	0	8338	4438N	10044W	42.1	138.5	GGGG		34	29
2598-16410	00000/0000	2-10022/0772	09/11/76	0	8338	4312N	10116W	42.9	137.1	GGGG		34	30
2598-16413	00000/0000	2-10022/0773	09/11/76	0	8338	4146N	10147W	43.7	135.6	GGGG		34	31
2598-16415	00000/0000	2-10022/0774	09/11/76	10	8338	4020N	10217W	44.5	134.2	GGGG		34	32
2598-16422	00000/0000	2-10022/0775	09/11/76	0	8338	3855N	10246W	45.3	132.7	GGGG		34	33
2598-16424	00000/0000	2-10022/0776	09/11/76	0	8338	3730N	10314W	46.0	131.2	GGGG		34	34
2598-16431	00000/0000	2-10022/0777	09/11/76	10	8338	3603N	10341W	46.8	129.6	FGGG		34	35
2598-16433	00000/0000	2-10022/0778	09/11/76	0	8338	3437N	10407W	47.4	128.0	GGGG		34	36
2598-16440	00000/0000	2-10022/0779	09/11/76	10	8338	3312N	10434W	48.1	126.4	GGGG		34	37
2598-16442	00000/0000	2-10022/0780	09/11/76	10	8338	3146N	10459W	48.7	124.8	GGGG		34	38
2598-16445	00000/0000	2-10022/0781	09/11/76	10	8338	3020N	10524W	49.3	123.1	GGGG		34	39
2598-16451	00000/0000	2-10022/0782	09/11/76	10	8338	2852N	10548W	49.8	121.3	GGGG		34	40
2598-18224	00000/0000	2-10022/0889	09/11/76	70	8339	4853N	12446W	39.4	142.5	GGGG		52	26
2598-18230	00000/0000	2-10022/0890	09/11/76	80	8339	4728N	12523W	40.3	141.2	GGGG		52	27
2598-18233	00000/0000	2-10022/0891	09/11/76	80	8339	4603N	12558W	41.2	139.8	GGGG		52	28
2598-21421	00000/0000	2-10022/0873	09/11/76	50	8341	7205N	15554W	21.9	170.0	GGGG		88	9
2598-21423	00000/0000	2-10022/0874	09/11/76	10	8341	7049N	15814W	23.0	167.4	FGGG		88	10
2598-21430	00000/0000	2-10022/0875	09/11/76	50	8341	6932N	16018W	24.1	165.2	GGGG		88	11
2598-21432	00000/0000	2-10022/0876	09/11/76	70	8341	6813N	16207W	25.2	163.1	GGGG		88	12
2598-21435	00000/0000	2-10022/0877	09/11/76	90	8341	6654N	16346W	26.3	161.2	GGGG		88	13
2598-21441	00000/0000	2-10022/0878	09/11/76	90	8341	6533N	16515W	27.4	159.4	FGGG		88	14
2598-21444	00000/0000	2-10022/0879	09/11/76	70	8341	6412N	16638W	28.4	157.8	GGGG		88	15
2598-21450	00000/0000	2-10022/0880	09/11/76	90	8341	6250N	16753W	29.5	156.2	GGGG		88	16
2598-21453	00000/0000	2-10022/0881	09/11/76	100	8341	6128N	16902W	30.5	154.7	GGGG		88	17
2598-21455	00000/0000	2-10022/0882	09/11/76	100	8341	6005N	17005W	31.6	153.3	GGGG		88	18
2598-21462	00000/0000	2-10022/0883	09/11/76	90	8341	5842N	17104W	32.6	151.9	GGGG		88	19
2598-21464	00000/0000	2-10022/0884	09/11/76	90	8341	5718N	17159W	33.6	150.5	GGGG		88	20
2598-21471	00000/0000	2-10022/0885	09/11/76	90	8341	5555N	17250W	34.6	149.1	GGGG		88	21
2598-21473	00000/0000	2-10022/0886	09/11/76	100	8341	5431N	17338W	35.6	147.8	GGGG		88	22
2598-21480	00000/0000	2-10022/0887	09/11/76	90	8341	5306N	17423W	36.6	146.5	GGGG		88	23
2598-21482	00000/0000	2-10022/0888	09/11/76	70	8341	5141N	17505W	37.5	145.2	GGGG		88	24
2599-15022	00000/0000	2-10022/0783	09/12/76	50	8351	4726N	07510W	40.1	141.4	GGGG		17	27
2599-15024	00000/0000	2-10022/0784	09/12/76	30	8351	4601N	07545W	41.0	140.1	GGGG		17	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0290

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2599-15031	00000/0000	2-10022/0785	09/12/76	10	8351	4435N	07619W	41.8 138.7	GGGG			17	29
2599-15033	00000/0000	2-10022/0786	09/12/76	10	8351	4310N	07652W	42.7 137.3	FGGG			17	30
2599-15040	00000/0000	2-10022/0787	09/12/76	0	8351	4145N	07723W	43.5 135.9	GGGG			17	31
2599-15042	00000/0000	2-10022/0788	09/12/76	10	8351	4019N	07754W	44.3 134.5	GGGG			17	32
2599-15045	00000/0000	2-10022/0789	09/12/76	0	8351	3853N	07823W	45.1 133.0	GGGG			17	33
2599-15051	00000/0000	2-10022/0790	09/12/76	0	8351	3727N	07851W	45.8 131.5	GFGG			17	34
2599-15054	00000/0000	2-10022/0791	09/12/76	0	8351	3601N	07918W	46.5 130.0	GFGG			17	35
2599-15060	00000/0000	2-10022/0792	09/12/76	0	8351	3434N	07944W	47.2 128.4	GGGG			17	36
2599-15063	00000/0000	2-10022/0793	09/12/76	10	8351	3308N	08010W	47.9 126.8	FGGG			17	37
2599-15065	00000/0000	2-10022/0794	09/12/76	50	8351	3143N	08035W	48.5 125.2	GGGG			17	38
2599-15072	00000/0000	2-10022/0795	09/12/76	50	8351	3017N	08100W	49.1 123.5	GGGG			17	39
2599-15074	00000/0000	2-10022/0796	09/12/76	70	8351	2851N	08125W	49.7 121.8	GGGG			17	40
2599-15081	00000/0000	2-10022/0797	09/12/76	90	8351	2724N	08148W	50.2 120.0	FGGG			17	41
2599-15083	00000/0000	2-10022/0798	09/12/76	100	8351	2558N	08212W	50.7 118.2	FGGG			17	42
2599-15090	00000/0000	2-10022/0799	09/12/76	70	8351	2431N	08235W	51.1 116.4	FGGG			17	43
2599-16451	00000/0000	2-10022/0858	09/12/76	40	8352	4851N	10025W	39.1 142.8	GGGG			35	26
2599-16453	00000/0000	2-10022/0859	09/12/76	40	8352	4726N	10102W	40.0 141.4	GGGG			35	27
2599-16460	00000/0000	2-10022/0860	09/12/76	60	8352	4601N	10137W	40.9 140.1	GGGG			35	28
2599-16462	00000/0000	2-10022/0861	09/12/76	30	8352	4455N	10210W	41.8 138.8	GGGG			35	29
2599-16465	00000/0000	2-10022/0862	09/12/76	30	8352	4309N	10242W	42.7 137.4	FGGG			35	30
2599-16471	00000/0000	2-10022/0863	09/12/76	40	8352	4144N	10313W	43.5 136.0	GGGG			35	31
2599-16474	00000/0000	2-10022/0864	09/12/76	30	8352	4019N	10343W	44.3 134.5	GGGG			35	32
2599-16480	00000/0000	2-10022/0865	09/12/76	30	8352	3853N	10412W	45.1 133.1	GGGG			35	33
2599-16483	00000/0000	2-10022/0866	09/12/76	20	8352	3727N	10441W	45.8 131.6	GGGG			35	34
2599-16485	00000/0000	2-10022/0867	09/12/76	10	8352	3601N	10508W	46.5 130.0	GGGG			35	35
2599-16492	00000/0000	2-10022/0868	09/12/76	0	8352	3435N	10535W	47.2 128.5	GGGG			35	36
2599-16494	00000/0000	2-10022/0869	09/12/76	10	8352	3309N	10601W	47.9 126.9	GGGG			35	37
2599-16501	00000/0000	2-10022/0870	09/12/76	10	8352	3143N	10626W	48.5 125.2	FGGG			35	38
2599-16503	00000/0000	2-10022/0871	09/12/76	10	8352	3017N	10651W	49.1 123.5	GGGF			35	39
2599-16510	00000/0000	2-10022/0872	09/12/76	10	8352	2850N	10715W	49.7 121.8	GGGG			35	40
2599-23055	00000/0000	2-10022/0892	09/12/76	20	8354	6811N	13747W	24.9 163.2	GGGG			71	12
2599-23061	00000/0000	2-10022/0893	09/12/76	30	8354	6651N	13926W	26.0 161.3	GGGG			71	13
2599-23064	00000/0000	2-10022/0894	09/12/76	50	8354	6530N	14055W	27.0 159.5	GGGG			71	14
2599-23070	00000/0000	2-10022/0895	09/12/76	60	8354	6409N	14217W	28.1 157.9	GGGG			71	15
2599-23073	00000/0000	2-10022/0896	09/12/76	20	8354	6247N	14331W	29.2 156.3	GGGG			71	16
2599-23075	00000/0000	2-10022/0897	09/12/76	40	8354	6126N	14439W	30.2 154.8	GGGG			71	17

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANHSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0291

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2599-20082	00000/0000	2-10022/0898	09/12/76	90	8354	6002N	14542W	31.3	153.4	GGGG			71	18
2599-20084	00000/0000	2-10022/0899	09/12/76	100	8354	5839N	14441W	32.3	152.0	GGGG			71	19
2599-20091	00000/0000	2-10022/0900	09/12/76	100	8354	5716N	14735W	33.3	150.7	GGGG			71	20
2599-21475	00000/0000	2-10022/0901	09/12/76	90	8355	7202N	15725W	21.6	170.0	GGGG			89	9
2599-21481	00000/0000	2-10022/0902	09/12/76	30	8355	7046N	15944W	22.7	167.5	GFGG			89	10
2599-21484	00000/0000	2-10022/0903	09/12/76	40	8355	6929N	16148W	23.8	165.2	GFGG			89	11
2599-21490	00000/0000	2-10022/0904	09/12/76	70	8355	6811N	16338W	24.9	163.2	GGGG			89	12
2599-21493	00000/0000	2-10022/0905	09/12/76	60	8355	6651N	16517W	26.0	161.2	GFGG			89	13
2599-21495	00000/0000	2-10022/0906	09/12/76	70	8355	6531N	16647W	27.0	159.5	GGFG			89	14
2599-21502	00000/0000	2-10022/0907	09/12/76	80	8355	6409N	16808W	28.1	157.9	GGGG			89	15
2599-21504	00000/0000	2-10022/0908	09/12/76	80	8355	6247N	16922W	29.2	156.3	GGGG			89	16
2599-21511	00000/0000	2-10022/0909	09/12/76	80	8355	6125N	17030W	30.2	154.8	GGGG			89	17
2599-21513	00000/0000	2-10022/0910	09/12/76	80	8355	6002N	17133W	31.2	153.4	GGGG			89	18
2599-21520	00000/0000	2-10022/0911	09/12/76	90	8355	5839N	17231W	32.3	152.0	GGGG			89	19
2599-21522	00000/0000	2-10022/0912	09/12/76	90	8355	5715N	17326W	33.3	150.7	GGGG			89	20
2599-21525	00000/0000	2-10022/0913	09/12/76	20	8355	5551N	17417W	34.3	149.3	GGGG			89	21
2599-21531	00000/0000	2-10022/0914	09/12/76	80	8355	5427N	17505W	35.3	148.0	GGGG			89	22
2599-21534	00000/0000	2-10022/0915	09/12/76	100	8355	5303N	17550W	36.3	146.7	GGGG			89	23
2599-21540	00000/0000	2-10022/0916	09/12/76	100	8355	5139N	17633W	37.2	145.4	GGGG			89	24
2600-15073	00000/0000	2-10022/0933	09/13/76	20	8365	4849N	07602W	38.9	143.0	GGGG			18	26
2600-15080	00000/0000	2-10022/0934	09/13/76	10	8365	4724N	07639W	39.8	141.7	GGGG			18	27
2600-15082	00000/0000	2-10022/0935	09/13/76	10	8365	4558N	07714W	40.7	140.4	GGGG			18	28
2600-15085	00000/0000	2-10022/0936	09/13/76	10	8365	4433N	07747W	41.5	139.0	GGGG			18	29
2600-15094	00000/0000	2-10022/0937	09/13/76	0	8365	4141N	07851W	43.2	136.3	GFGG			18	31
2600-15100	00000/0000	2-10022/0938	09/13/76	0	8365	4016N	07921W	44.0	134.9	GGGG			18	32
2600-15103	00000/0000	2-10022/0939	09/13/76	0	8365	3850N	07951W	44.8	133.4	GGGG			18	33
2600-15105	00000/0000	2-10022/0940	09/13/76	10	8365	3724N	08019W	45.6	131.9	GFGG			18	34
2600-15112	00000/0000	2-10022/0941	09/13/76	20	8365	3558N	08046W	46.3	130.4	GGGG			18	35
2600-15114	00000/0000	2-10022/0942	09/13/76	80	8365	3432N	08113W	47.0	128.8	GGGG			18	36
2600-15121	00000/0000	2-10022/0943	09/13/76	90	8365	3327N	08138W	47.7	127.2	FGGG			18	37
2600-15123	00000/0000	2-10022/0944	09/13/76	100	8365	3141N	08203W	48.3	125.6	FGGG			18	38
2600-15130	00000/0000	2-10022/0945	09/13/76	90	8365	3015N	08228W	48.9	123.9	GGGG			18	39
2600-15132	00000/0000	2-10022/0946	09/13/76	90	8365	2849N	08252W	49.5	122.2	GGGG			18	40
2600-15135	00000/0000	2-10022/0947	09/13/76	50	8365	2723N	08316W	50.0	120.5	GFGG			18	41
2600-15141	00000/0000	2-10022/0948	09/13/76	40	8365	2556N	08339W	50.5	118.7	GGGG			18	42
2600-15144	00000/0000	2-10022/0949	09/13/76	20	8365	2429N	08402W	51.0	116.9	GGGG			18	43

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN



01:29 APR 28, '77

LANHSAT-2  
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PAGE 0292

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2600-16505	00000/0000 2-10022/0965	09/13/76	90	8366	4849N	10149W	38.8	143.0	GGGG		36	26
2600-16511	00000/0000 2-10022/0966	09/13/76	40	8366	4724N	10226W	39.8	141.7	GGGG		36	27
2600-16514	00000/0000 2-10022/0967	09/13/76	10	8366	4559N	10302W	40.7	140.4	GGGG		36	28
2600-16520	00000/0000 2-10022/0968	09/13/76	20	8366	4433N	10335W	41.5	139.1	GGGG		36	29
2600-16523	00000/0000 2-10022/0969	09/13/76	10	8366	4307N	10407W	42.4	137.7	GGGG		36	30
2600-16525	00000/0000 2-10022/0970	09/13/76	10	8366	4142N	10439W	43.2	136.3	GGGG		36	31
2600-16532	00000/0000 2-10022/0971	09/13/76	50	8366	4016N	10510W	44.0	134.9	GGGG		36	32
2600-16534	00000/0000 2-10022/0972	09/13/76	40	8366	3850N	10539W	44.8	133.4	GGGG		36	33
2600-16541	00000/0000 2-10022/0973	09/13/76	10	8366	3724N	10607W	45.6	131.9	GGGG		36	34
2600-16543	00000/0000 2-10022/0974	09/13/76	10	8366	3558N	10634W	46.3	130.4	GGGG		36	35
2600-16550	00000/0000 2-10022/0975	09/13/76	10	8366	3432N	10700W	47.0	128.9	GGGG		36	36
2600-16552	00000/0000 2-10022/0976	09/13/76	10	8366	3306N	10726W	47.7	127.3	GGGG		36	37
2600-16555	00000/0000 2-10022/0977	09/13/76	0	8366	3140N	10752W	48.3	125.7	GGGG		36	38
2600-16561	00000/0000 2-10022/0978	09/13/76	10	8366	3013N	10817W	48.9	124.0	GGGG		36	39
2600-16564	00000/0000 2-10022/0979	09/13/76	10	8366	2848N	10841W	49.5	122.3	GGGG		36	40
2600-20111	00000/0000 2-10023/0001	09/13/76	40	8368	6958N	13729W	23.5	165.3	GGGG		72	11
2600-20113	00000/0000 2-10023/0002	09/13/76	20	8368	6810N	13920W	24.5	163.3	GGGG		72	12
2600-20120	00000/0000 2-10023/0003	09/13/76	20	8368	6650N	14059W	25.6	161.4	GGGG		72	13
2600-20122	00000/0000 2-10023/0004	09/13/76	10	8368	6529N	14228W	26.7	159.6	GGGG		72	14
2600-20125	00000/0000 2-10023/0005	09/13/76	30	8368	6408N	14348W	27.8	158.0	GGGG		72	15
2600-20131	00000/0000 2-10023/0006	09/13/76	70	8368	6247N	14501W	28.8	156.5	GGGG		72	16
2600-20134	00000/0000 2-10023/0007	09/13/76	90	8368	6124N	14609W	29.9	155.0	GGGG		72	17
2600-20140	00000/0000 2-10023/0008	09/13/76	90	8368	6001N	14712W	30.9	153.6	GGGG		72	18
2600-20143	00000/0000 2-10023/0009	09/13/76	100	8368	5837N	14810W	32.0	152.2	GGGG		72	19
2600-20145	00000/0000 2-10023/0010	09/13/76	40	8368	5714N	14905W	33.0	150.8	GGGG		72	20
2600-21533	00000/0000 2-10023/0011	09/13/76	70	8369	7204N	15851W	21.2	170.1	GGGG		90	9
2600-21540	00000/0000 2-10023/0012	09/13/76	40	8369	7047N	16112W	22.3	167.6	GGGG		90	10
2600-21542	00000/0000 2-10023/0013	09/13/76	50	8369	6930N	16315W	23.4	165.4	GGGG		90	11
2600-21545	00000/0000 2-10023/0014	09/13/76	30	8369	6811N	16505W	24.5	163.3	GGGG		90	12
2600-21551	00000/0000 2-10023/0015	09/13/76	50	8369	6652N	16644W	25.6	161.5	GGGG		90	13
2600-21554	00000/0000 2-10023/0016	09/13/76	70	8369	6531N	16813W	26.6	159.7	GGGG		90	14
2600-21560	00000/0000 2-10023/0017	09/13/76	80	8369	6410N	16934W	27.7	158.1	GGGG		90	15
2600-21563	00000/0000 2-10023/0018	09/13/76	80	8369	6248N	17048W	28.8	156.5	GGGG		90	16
2600-21565	00000/0000 2-10023/0019	09/13/76	70	8369	6126N	17157W	29.8	155.0	GGGG		90	17
2600-21572	00000/0000 2-10023/0020	09/13/76	70	8369	6003N	17300W	30.9	153.6	GGGG		90	18
2600-21574	00000/0000 2-10023/0021	09/13/76	90	8369	5840N	17358W	31.9	152.2	GGGG		90	19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0293

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2600-21581	00000/0000	2-10023/0022	09/13/76	100	8369	5717N	17452W	32.9	150.9	GGGG		90	20
2600-21583	00000/0000	2-10023/0023	09/13/76	100	8369	5553N	17543W	33.9	149.6	GGGG		90	21
2600-21590	00000/0000	2-10023/0024	09/13/76	100	8369	5429N	17631W	34.9	148.3	GGGG		90	22
2600-21592	00000/0000	2-10023/0025	09/13/76	80	8369	5304N	17716W	35.9	147.0	GGGG		90	23
2600-21595	00000/0000	2-10023/0026	09/13/76	70	8369	5140N	17759W	36.9	145.7	GGGG		90	24
2601-15132	00000/0000	2-10022/0950	09/14/76	90	8379	4830N	07738W	38.7	143.0	GGGG		19	26
2601-15135	00000/0000	2-10022/0951	09/14/76	10	8379	4706N	07814W	39.7	141.7	GGGG		19	27
2601-15141	00000/0000	2-10022/0952	09/14/76	10	8379	4540N	07849W	40.5	140.4	GGGG		19	28
2601-15144	00000/0000	2-10022/0953	09/14/76	60	8379	4414N	07922W	41.4	139.1	GGGG		19	29
2601-15150	00000/0000	2-10022/0954	09/14/76	30	8379	4249N	07953W	42.3	137.7	GGGG		19	30
2601-15153	00000/0000	2-10022/0955	09/14/76	30	8379	4124N	08024W	43.1	136.3	GGGG		19	31
2601-15155	00000/0000	2-10022/0956	09/14/76	70	8379	3958N	08054W	43.9	134.9	GGGG		19	32
2601-15162	00000/0000	2-10022/0957	09/14/76	60	8379	3833N	08123W	44.7	133.5	GGGG		19	33
2601-15164	00000/0000	2-10022/0958	09/14/76	80	8379	3707N	08151W	45.5	132.0	GGGG		19	34
2601-15171	00000/0000	2-10022/0959	09/14/76	100	8379	3541N	08218W	46.2	130.5	GGGG		19	35
2601-15173	00000/0000	2-10022/0960	09/14/76	100	8379	3415N	08244W	46.9	129.0	GGGG		19	36
2601-15180	00000/0000	2-10022/0961	09/14/76	90	8379	3249N	08310W	47.6	127.4	GGGG		19	37
2601-15182	00000/0000	2-10022/0962	09/14/76	90	8379	3123N	08336W	48.2	125.8	GGGG		19	38
2601-15185	00000/0000	2-10022/0963	09/14/76	90	8379	2957N	08400W	48.8	124.1	GGGG		19	39
2601-15191	00000/0000	2-10022/0964	09/14/76	50	8379	2831N	08424W	49.4	122.4	GGGG		19	40
2601-16563	00000/0000	2-10022/0980	09/14/76	0	8380	4849N	10316W	38.5	143.3	GGGG		37	26
2601-16570	00000/0000	2-10022/0981	09/14/76	10	8380	4724N	10353W	39.4	142.0	GGGG		37	27
2601-16572	00000/0000	2-10022/0982	09/14/76	20	8380	4559N	10427W	40.3	140.7	GGGG		37	28
2601-16575	00000/0000	2-10022/0983	09/14/76	70	8380	4434N	10501W	41.2	139.4	GGGG		37	29
2601-16581	00000/0000	2-10022/0984	09/14/76	90	8380	4309N	10534W	42.1	138.1	GGGG		37	30
2601-16584	00000/0000	2-10022/0985	09/14/76	80	8380	4143N	10605W	42.9	136.7	GGGF		37	31
2601-16590	00000/0000	2-10022/0986	09/14/76	80	8380	4018N	10635W	43.7	135.3	GGGF		37	32
2601-16593	00000/0000	2-10022/0987	09/14/76	60	8380	3852N	10705W	44.5	133.8	GGGG		37	33
2601-16595	00000/0000	2-10022/0988	09/14/76	40	8380	3725N	10733W	45.3	132.4	GGGG		37	34
2601-17002	00000/0000	2-10022/0989	09/14/76	20	8380	3559N	10801W	46.0	130.9	GGGG		37	35
2601-17004	00000/0000	2-10022/0990	09/14/76	30	8380	3434N	10827W	46.7	129.3	GGGG		37	36
2601-17020	00000/0000	2-10022/0991	09/14/76	10	8380	3016N	10942W	48.7	124.5	GGGG		37	39
2601-20165	00000/0000	2-10022/0992	09/14/76	60	8382	6928N	13854W	23.1	165.5	GGGG		73	11
2601-20171	00000/0000	2-10022/0993	09/14/76	90	8382	6810N	14044W	24.2	163.4	GGGG		73	12
2601-20174	00000/0000	2-10022/0994	09/14/76	60	8382	6650N	14223W	25.2	161.6	GGGG		73	13
2601-20180	00000/0000	2-10022/0995	09/14/76	10	8382	6529N	14353W	26.3	159.8	GGGG		73	14

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0294

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS	MSS DATA	MSS IMAGE	ORBIT PATH NUMBER	FRAME ROW NUMBER
										123	45678	MODE	GAIN		
2601-20183	00000/0000	2-10022/0996	09/14/76	20	8382	6408N	14513W	27.4	158.2	GGGG				73	15
2601-20185	00000/0000	2-10022/0997	09/14/76	70	8382	6246N	14627W	28.5	156.6	GGGG				73	16
2601-20192	00000/0000	2-10022/0998	09/14/76	80	8382	6124N	14735W	29.5	155.2	GGGG				73	17
2601-20194	00000/0000	2-10022/0999	09/14/76	90	8382	6001N	14838W	30.6	153.8	GGGG				73	18
2601-20201	00000/0000	2-10022/1000	09/14/76	80	8382	5878N	14936W	31.6	152.4	GGGG				73	19
2601-20203	00000/0000	2-10022/1001	09/14/76	50	8382	5714N	15031W	32.6	151.1	GGGG				73	20
2601-21594	00000/0000	2-10022/1002	09/14/76	90	8383	7045N	16236W	21.9	167.7	GGGG				91	10
2601-22000	00000/0000	2-10022/1003	09/14/76	90	8383	6928N	16440W	23.0	165.5	GGGG				91	11
2601-22003	00000/0000	2-10022/1004	09/14/76	20	8383	6809N	16630W	24.1	163.4	GGGG				91	12
2601-22005	00000/0000	2-10022/1005	09/14/76	50	8383	6650N	16809W	25.2	161.6	GGGG				91	13
2601-22012	00000/0000	2-10022/1006	09/14/76	90	8383	6529N	16939W	26.3	159.8	GGGG				91	14
2601-22014	00000/0000	2-10022/1007	09/14/76	90	8383	6408N	17100W	27.4	158.2	GGGG				91	15
2601-22053	00000/0000	2-10022/1008	09/14/76	10	8383	5137N	17925W	36.6	145.9	GGGG				91	24
2602-15190	00000/0000	2-10022/0917	09/15/76	80	8393	4850N	07854W	38.2	143.6	GGGG				20	26
2602-15192	00000/0000	2-10022/0918	09/15/76	80	8393	4725N	07931W	39.1	142.3	GGGG				20	27
2602-15195	00000/0000	2-10022/0919	09/15/76	90	8393	4600N	08006W	40.0	141.0	GGGG				20	28
2602-15201	00000/0000	2-10022/0920	09/15/76	90	8393	4435N	08039W	40.9	139.7	GGGG				20	29
2602-15204	00000/0000	2-10022/0921	09/15/76	80	8393	4310N	08112W	41.8	138.4	GGGG				20	30
2602-15210	00000/0000	2-10022/0922	09/15/76	70	8393	4144N	08143W	42.6	137.0	GGGG				20	31
2602-15213	00000/0000	2-10022/0923	09/15/76	70	8393	4018N	08214W	43.5	135.7	GGGG				20	32
2602-15215	00000/0000	2-10022/0924	09/15/76	80	8393	3852N	08243W	44.3	134.2	GGGG				20	33
2602-15222	00000/0000	2-10022/0925	09/15/76	90	8393	3726N	08311W	45.0	132.8	GGGG				20	34
2602-15224	00000/0000	2-10022/0926	09/15/76	90	8393	3600N	08338W	45.8	131.3	GGGG				20	35
2602-15231	00000/0000	2-10022/0927	09/15/76	80	8393	3435N	08404W	46.5	129.8	GGGG				20	36
2602-15233	00000/0000	2-10022/0928	09/15/76	20	8393	3309N	08430W	47.2	128.2	GGGG				20	37
2602-15240	00000/0000	2-10022/0929	09/15/76	10	8393	3143N	08455W	47.9	126.6	GGGG				20	38
2602-15242	00000/0000	2-10022/0930	09/15/76	10	8393	3017N	08520W	48.5	125.0	GGGG				20	39
2602-15245	00000/0000	2-10022/0931	09/15/76	10	8393	2851N	08545W	49.1	123.3	GGGG				20	40
2602-15251	00000/0000	2-10022/0932	09/15/76	10	8393	2724N	08608W	49.6	121.6	GGGG				20	41
2602-17021	00000/0000	2-10022/1025	09/15/76	50	8394	4850N	10442W	38.2	143.6	GGGG				38	26
2602-17024	00000/0000	2-10022/1026	09/15/76	40	8394	4726N	10518W	39.1	142.4	GGGG				38	27
2602-17030	00000/0000	2-10022/1027	09/15/76	10	8394	4601N	10553W	40.0	141.1	GGGG				38	28
2602-17033	00000/0000	2-10022/1028	09/15/76	10	8394	4475N	10627W	40.9	139.8	GGGG				38	29
2602-17035	00000/0000	2-10022/1029	09/15/76	30	8394	4310N	10700W	41.8	138.4	GGGG				38	30
2602-17042	00000/0000	2-10022/1030	09/15/76	50	8394	4144N	10731W	42.6	137.1	GGGG				38	31
2602-17044	00000/0000	2-10022/1031	09/15/76	60	8394	4018N	10801W	43.4	135.7	GGGG				38	32

KEYS: CLOUD COVER 4 ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=RAW GAIN, H=HIGH GAIN

01:29 APR 23, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0295

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUN ORBIT PATH NUMBER	FRAME ROW NUMBER
2602-17051	00000/0000	2-10022/1032	09/15/76	50	8394	3853N	10830W	44.2 134.3	GGGG			38	33
2602-17053	00000/0000	2-10022/1033	09/15/76	50	8394	3727N	10858W	45.0 132.8	GGGG			38	34
2602-17060	00000/0000	2-10022/1034	09/15/76	20	8394	3601N	10925W	45.8 131.3	GGGG			38	35
2602-17062	00000/0000	2-10022/1035	09/15/76	30	8394	3435N	10952W	46.5 129.8	GGGG			38	36
2602-17065	00000/0000	2-10022/1036	09/15/76	30	8394	3309N	11018W	47.2 128.3	GGGG			38	37
2602-17071	00000/0000	2-10022/1037	09/15/76	10	8394	3144N	11043W	47.8 126.7	GGGG			38	38
2602-17074	00000/0000	2-10022/1038	09/15/76	10	8394	3017N	11108W	48.5 125.0	GGGG			38	39
2602-20223	00000/0000	2-10022/1009	09/15/76	100	8396	6932N	14011W	22.6 165.7	GGGG			74	11
2602-20225	00000/0000	2-10022/1010	09/15/76	80	8396	6814N	14201W	23.7 163.7	GGGG			74	12
2602-20232	00000/0000	2-10022/1011	09/15/76	80	8396	6654N	14340W	24.8 161.8	GGGG			74	13
2602-20234	00000/0000	2-10022/1012	09/15/76	50	8396	6534N	14509W	25.9 160.1	GGFG			74	14
2602-20241	00000/0000	2-10022/1013	09/15/76	20	8396	6413N	14631W	27.0 158.4	GGGG			74	15
2602-20243	00000/0000	2-10022/1014	09/15/76	90	8396	6250N	14746W	28.0 156.9	GGGG			74	16
2602-20250	00000/0000	2-10022/1015	09/15/76	90	8396	6128N	14856W	29.1 155.4	GGGG			74	17
2602-20252	00000/0000	2-10022/1016	09/15/76	90	8396	6005N	14959W	30.1 154.0	GGGG			74	18
2602-20255	00000/0000	2-10022/1017	09/15/76	50	8396	5842N	15057W	31.2 152.7	GGGG			74	19
2602-20261	00000/0000	2-10022/1018	09/15/76	40	8396	5719N	15151W	32.2 151.3	GGGG			74	20
2602-20264	00000/0000	2-10022/1019	09/15/76	80	8396	5556N	15243W	33.2 150.1	GGGG			74	21
2602-22052	00000/0000	2-10022/1020	09/15/76	100	8397	7049N	16359W	21.5 167.9	GGGG			92	10
2602-22055	00000/0000	2-10022/1021	09/15/76	90	8397	6932N	16603W	22.6 165.7	GGGG			92	11
2602-22061	00000/0000	2-10022/1022	09/15/76	90	8397	6813N	16753W	23.7 163.7	GGGG			92	12
2602-22064	00000/0000	2-10022/1023	09/15/76	90	8397	6653N	16932W	24.8 161.8	GGGG			92	13
2602-22070	00000/0000	2-10022/1024	09/15/76	100	8397	6533N	17102W	25.9 160.1	GGGG			92	14
2603-15244	00000/0000	2-10022/1039	09/16/76	0	8407	4851N	08017W	37.9 143.9	GGGG			21	26
2603-15250	00000/0000	2-10022/1040	09/16/76	0	8407	4726N	08054W	38.8 142.7	FGGG			21	27
2603-15253	00000/0000	2-10022/1041	09/16/76	20	8407	4602N	08129W	39.7 141.4	GGGG			21	28
2603-15255	00000/0000	2-10022/1042	09/16/76	80	8407	4437N	08203W	40.6 140.1	GGGG			21	29
2603-15262	00000/0000	2-10022/1043	09/16/76	100	8407	4311N	08236W	41.5 138.8	GGGG			21	30
2603-15264	00000/0000	2-10022/1044	09/16/76	100	8407	4145N	08307W	42.3 137.4	GGGG			21	31
2603-15271	00000/0000	2-10022/1045	09/16/76	60	8407	4020N	08337W	43.2 136.0	GGGG			21	32
2603-15273	00000/0000	2-10022/1046	09/16/76	20	8407	3855N	08406W	44.0 134.6	GGGG			21	33
2603-15280	00000/0000	2-10022/1047	09/16/76	60	8407	3729N	08434W	44.8 133.2	GGGG			21	34
2603-15282	00000/0000	2-10022/1048	09/16/76	20	8407	3603N	08501W	45.5 131.8	GGGG			21	35
2603-15285	00000/0000	2-10022/1049	09/16/76	10	8407	3437N	08528W	46.2 130.2	GGGG			21	36
2603-15291	00000/0000	2-10022/1050	09/16/76	10	8407	3311N	08554W	46.9 128.7	GGGG			21	37
2603-15294	00000/0000	2-10022/1051	09/16/76	0	8407	3145N	08620W	47.6 127.1	GGGG			21	38

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0296

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE RBV	QUAL MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2603-15300	00000/0000	2-10022/1052	09/16/76	0	8407	3019N	08446W	48.3	125.6	GGGF				21	39
2603-15303	00000/0000	2-10022/1053	09/16/76	10	8407	2852N	08710W	48.9	123.9	GGGF				21	40
2603-15305	00000/0000	2-10022/1054	09/16/76	20	8407	2726N	08734W	49.4	122.2	GGGF				21	41
2603-17080	00000/0000	2-10022/1055	09/16/76	0	8408	4851N	10408W	37.8	143.9	GGGF				39	26
2603-17082	00000/0000	2-10022/1056	09/16/76	0	8408	4726N	10648W	38.8	142.7	GGGF				39	27
2603-17085	00000/0000	2-10022/1057	09/16/76	10	8408	4601N	10720W	39.7	141.4	GGGF				39	28
2603-17091	00000/0000	2-10022/1058	09/16/76	10	8408	4436N	10753W	40.6	140.1	GGGF				39	29
2603-17094	00000/0000	2-10022/1059	09/16/76	20	8408	4311N	10826W	41.5	138.8	GGGF				39	30
2603-17100	00000/0000	2-10022/1060	09/16/76	60	8408	4145N	10857W	42.3	137.4	GGGF				39	31
2603-17103	00000/0000	2-10022/1061	09/16/76	20	8408	4019N	10927W	43.1	136.1	GGGF				39	32
2603-17105	00000/0000	2-10022/1062	09/16/76	20	8408	3854N	10956W	44.0	134.7	GGGF				39	33
2603-17112	00000/0000	2-10022/1063	09/16/76	20	8408	3728N	11024W	44.7	133.2	GGGF				39	34
2603-17114	00000/0000	2-10022/1064	09/16/76	20	8408	3602N	11052W	45.5	131.8	GGGF				39	35
2603-17121	00000/0000	2-10022/1065	09/16/76	20	8408	3436N	11118W	46.2	130.3	GGGF				39	36
2603-17123	00000/0000	2-10022/1066	09/16/76	10	8408	3310N	11145W	46.9	128.7	GGGF				39	37
2603-17130	00000/0000	2-10022/1067	09/16/76	10	8408	3145N	11210W	47.6	127.2	GGGF				39	38
2603-17132	00000/0000	2-10022/1068	09/16/76	10	8408	3019N	11234W	48.2	125.6	GGGF				39	39
2603-20275	00000/0000	2-10022/1069	09/16/76	90	8410	7048N	13939W	21.2	168.0	GGGF				75	10
2603-20281	00000/0000	2-10022/1070	09/16/76	90	8410	6930N	14144W	22.3	165.8	GGGF				75	11
2603-20284	00000/0000	2-10022/1071	09/16/76	50	8410	6812N	14334W	23.4	163.7	GGGF				75	12
2603-20290	00000/0000	2-10022/1072	09/16/76	30	8410	6652N	14513W	24.5	161.9	GGGF				75	13
2603-20293	00000/0000	2-10022/1073	09/16/76	90	8410	6532N	14643W	25.6	160.2	GGGF				75	14
2603-20295	00000/0000	2-10022/1074	09/16/76	90	8410	6410N	14804W	26.6	158.5	GGGF				75	15
2603-20302	00000/0000	2-10022/1075	09/16/76	75	8410	6248N	14919W	27.7	157.0	GGGF				75	16
2603-20304	00000/0000	2-10022/1076	09/16/76	90	8410	6126N	15026W	28.8	155.6	GGGF				75	17
2603-20311	00000/0000	2-10022/1077	09/16/76	90	8410	6003N	15129W	29.8	154.2	GGGF				75	18
2603-20313	00000/0000	2-10022/1078	09/16/76	90	8410	5840N	15227W	30.9	152.8	GGGF				75	19
2603-20320	00000/0000	2-10022/1079	09/16/76	90	8410	5717N	15322W	31.9	151.5	GGGF				75	20
2603-20322	00000/0000	2-10022/1080	09/16/76	90	8410	5553N	15413W	32.9	150.2	GGGF				75	21
2603-22113	00000/0000	2-10022/1081	09/16/76	90	8411	6930N	16731W	22.3	165.8	GGGF				93	11
2603-22115	00000/0000	2-10022/1082	09/16/76	90	8411	6811N	16921W	23.4	163.7	GGGF				93	12
2603-22122	00000/0000	2-10022/1083	09/16/76	90	8411	6651N	17059W	24.5	161.9	GGGF				93	13
2603-22123	00000/0000	2-10022/1084	09/16/76	40	8411	6504N	17227W	24.9	147.7	GGGF				93	23
2604-15302	00000/0000	2-10022/1101	09/17/76	10	8421	4850N	08144W	37.8	144.2	FFGF				22	26
2604-15305	00000/0000	2-10022/1102	09/17/76	50	8421	4725N	08221W	38.5	142.9	GGGF				22	27
2604-15311	00000/0000	2-10022/1103	09/17/76	20	8421	4600N	08256W	39.4	141.7	FFGF				22	28

KEYS: CLUD COVER % ..... 0 TO 100 % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0297

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2604-15314	00000/0000 2-10022/1104	09/17/76	40	8421	4435N	08329W	40.3	140.4	GGGG			22	29
2604-15320	00000/0000 2-10022/1105	09/17/76	70	8421	4309N	08402W	41.2	139.1	GGGG			22	30
2604-15323	00000/0000 2-10022/1106	09/17/76	70	8421	4143N	08433W	42.1	137.7	GGGG			22	31
2604-15325	00000/0000 2-10022/1107	09/17/76	90	8421	4018N	08503W	42.9	136.4	GGGG			22	32
2604-15332	00000/0000 2-10022/1108	09/17/76	80	8421	3852N	08532W	43.7	135.0	GGGG			22	33
2604-15334	00000/0000 2-10022/1109	09/17/76	10	8421	3727N	08601W	44.5	133.6	GGGG			22	34
2604-15341	00000/0000 2-10022/1110	09/17/76	10	8421	3601N	08628W	45.3	132.1	GGGG			22	35
2604-15343	00000/0000 2-10022/1111	09/17/76	30	8421	3435N	08655W	46.0	130.7	GGGG			22	36
2604-15350	00000/0000 2-10022/1112	09/17/76	10	8421	3309N	08721W	46.7	129.1	GGGG			22	37
2604-15352	00000/0000 2-10022/1113	09/17/76	30	8421	3143N	08746W	47.4	127.6	GGGG			22	38
2604-15355	00000/0000 2-10022/1114	09/17/76	30	8421	3016N	08812W	48.0	126.0	GGGG			22	39
2604-15361	00000/0000 2-10022/1115	09/17/76	20	8421	2850N	08836W	48.7	124.3	GGGG			22	40
2604-15364	00000/0000 2-10022/1116	09/17/76	10	8421	2724N	08859W	49.2	122.7	GGGG			22	41
2604-17134	00000/0000 2-10022/1127	09/17/76	20	8422	4849N	10735W	37.5	144.2	GGGG			40	26
2604-17140	00000/0000 2-10022/1128	09/17/76	10	8422	4725N	10812W	38.5	142.9	GGGG			40	27
2604-17143	00000/0000 2-10022/1129	09/17/76	20	8422	4559N	10847W	39.4	141.7	GGGG			40	28
2604-17145	00000/0000 2-10022/1130	09/17/76	30	8422	4433N	10920W	40.3	140.4	GGGG			40	29
2604-17152	00000/0000 2-10022/1131	09/17/76	30	8422	4308N	10952W	41.2	139.1	GGGG			40	30
2604-17154	00000/0000 2-10022/1132	09/17/76	20	8422	4143N	11023W	42.0	137.8	GGGG			40	31
2604-17161	00000/0000 2-10022/1133	09/17/76	10	8422	4017N	11053W	42.9	136.4	GGGG			40	32
2604-17163	00000/0000 2-10022/1134	09/17/76	10	8422	3851N	11123W	43.7	135.0	GGGG			40	33
2604-17170	00000/0000 2-10022/1135	09/17/76	10	8422	3726N	11151W	44.5	133.6	GGGG			40	34
2604-17172	00000/0000 2-10022/1136	09/17/76	0	8422	3600N	11219W	45.3	132.2	GGGG			40	35
2604-17175	00000/0000 2-10022/1137	09/17/76	10	8422	3434N	11245W	46.0	130.7	GGGG			40	36
2604-17181	00000/0000 2-10022/1138	09/17/76	10	8422	3309N	11311W	46.7	129.2	GGGG			40	37
2604-17184	00000/0000 2-10022/1139	09/17/76	10	8422	3143N	11336W	47.4	127.6	GGGG			40	38
2604-17190	00000/0000 2-10022/1140	09/17/76	10	8422	3016N	11401W	48.0	126.0	GGGG			40	39
2604-20342	00000/0000 2-10022/1117	09/17/76	40	8424	6813N	14454W	23.0	163.9	GGGG			76	12
2604-20344	00000/0000 2-10022/1118	09/17/76	20	8424	6653N	14634W	24.1	162.0	GGGG			76	13
2604-20351	00000/0000 2-10022/1119	09/17/76	10	8424	6533N	14803W	25.2	160.3	GGGG			76	14
2604-20353	00000/0000 2-10022/1120	09/17/76	40	8424	6411N	14925W	26.3	158.7	GGGG			76	15
2604-20360	00000/0000 2-10022/1121	09/17/76	70	8424	6250N	15039W	27.3	157.2	GGGG			76	16
2604-20362	00000/0000 2-10022/1122	09/17/76	90	8424	6127N	15147W	28.4	155.8	GGGG			76	17
2604-20365	00000/0000 2-10022/1123	09/17/76	90	8424	6005N	15250W	29.4	154.4	GGGG			76	18
2604-20371	00000/0000 2-10022/1124	09/17/76	90	8424	5842N	15349W	30.5	153.0	GGGG			76	19
2604-20374	00000/0000 2-10022/1125	09/17/76	70	8424	5718N	15443W	31.5	151.7	GGGG			76	20

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0298

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUB NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA	MSS MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2604-20380	00000/0000	2-10022/1126	09/17/76	90	8424	5554N	15534W	32.5	150.5	GGGG		76	21
2605-15360	00000/0000	2-10022/1141	09/18/76	20	8435	4851N	08311W	37.2	144.5	GGGG		23	26
2605-15363	00000/0000	2-10022/1142	09/18/76	10	8435	4726N	08348W	38.2	143.2	FGGG		23	27
2605-15365	00000/0000	2-10022/1143	09/18/76	10	8435	4601N	08423W	39.1	142.0	GGGG		23	28
2605-15372	00000/0000	2-10022/1144	09/18/76	10	8435	4495N	08456W	40.0	140.7	GGGG		23	29
2605-15374	00000/0000	2-10022/1145	09/18/76	10	8435	4310N	08528W	40.9	139.4	GGGG		23	30
2605-15381	00000/0000	2-10022/1146	09/18/76	20	8435	4145N	08559W	41.7	138.1	GGGG		23	31
2605-15383	00000/0000	2-10022/1147	09/18/76	10	8435	4020N	08629W	42.6	136.8	GGGG		23	32
2605-15390	00000/0000	2-10022/1148	09/18/76	20	8435	3854N	08658W	43.4	135.4	GGFG		23	33
2605-15392	00000/0000	2-10022/1149	09/18/76	10	8435	3728N	08726W	44.2	134.0	GGGG		23	34
2605-15395	00000/0000	2-10022/1150	09/18/76	20	8435	3602N	08754W	45.0	132.6	GGGG		23	35
2605-15401	00000/0000	2-10022/1151	09/18/76	60	8435	3435N	08821W	45.7	131.1	GGGG		23	36
2605-15404	00000/0000	2-10022/1152	09/18/76	80	8435	3309N	08847W	46.5	129.6	GGGG		23	37
2605-15410	00000/0000	2-10022/1153	09/18/76	30	8435	3143N	08912W	47.2	128.1	GGGG		23	38
2605-15413	00000/0000	2-10022/1154	09/18/76	20	8435	3017N	08937W	47.8	126.5	GGGF		23	39
2605-15415	00000/0000	2-10022/1155	09/18/76	40	8435	2850N	09001W	48.4	124.9	GGGG		23	40
2605-17192	00000/0000	2-10022/1183	09/18/76	80	8436	4851N	10901W	37.2	144.5	GGGG		41	26
2605-17195	00000/0000	2-10022/1184	09/18/76	90	8436	4726N	10937W	38.1	143.3	GGGG		41	27
2605-17201	00000/0000	2-10022/1185	09/18/76	90	8436	4601N	11012W	39.1	142.0	GGGG		41	28
2605-17204	00000/0000	2-10022/1186	09/18/76	80	8436	4435N	11045W	40.0	140.7	GGGG		41	29
2605-17210	00000/0000	2-10022/1187	09/18/76	70	8436	4309N	11117W	40.9	139.5	GGGG		41	30
2605-17213	00000/0000	2-10022/1188	09/18/76	20	8436	4144N	11148W	41.7	138.1	GGGG		41	31
2605-17215	00000/0000	2-10022/1189	09/18/76	20	8436	4019N	11217W	42.6	136.8	GGGG		41	32
2605-17222	00000/0000	2-10022/1190	09/18/76	10	8436	3853N	11247W	43.4	135.4	GGGG		41	33
2605-17224	00000/0000	2-10022/1191	09/18/76	10	8436	3727N	11315W	44.2	134.0	GGGG		41	34
2605-17231	00000/0000	2-10022/1192	09/18/76	10	8436	3602N	11343W	45.0	132.6	GGGG		41	35
2605-17233	00000/0000	2-10022/1193	09/18/76	10	8436	3436N	11410W	45.7	131.1	GGGG		41	36
2605-17240	00000/0000	2-10022/1194	09/18/76	0	8436	3310N	11437W	46.4	129.6	GGGG		41	37
2605-17242	00000/0000	2-10022/1195	09/18/76	10	8436	3144N	11502W	47.1	128.1	GGGG		41	38
2605-20391	00000/0000	2-10022/1171	09/18/76	90	8438	7046N	14229W	20.4	168.2	GGGG		77	10
2605-20394	00000/0000	2-10022/1172	09/18/76	40	8438	6929N	14432W	21.5	166.0	GGGG		77	11
2605-20400	00000/0000	2-10022/1173	09/18/76	10	8438	6811N	14422W	22.6	164.0	FGGG		77	12
2605-20403	00000/0000	2-10022/1174	09/18/76	10	8438	6651N	14802W	23.7	162.1	FGGG		77	13
2605-20405	00000/0000	2-10022/1175	09/18/76	20	8438	6530N	14931W	24.8	160.4	GGGG		77	14
2605-20414	00000/0000	2-10022/1176	09/18/76	30	8438	6247N	15207W	27.0	157.3	FFGG		77	16
2605-20421	00000/0000	2-10022/1177	09/18/76	40	8438	6125N	15315W	28.0	155.9	GGGG		77	17

KEYS: C=CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 I=IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 M=MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0299

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SPBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SRBIT PATH NUMBER	FRAME RBW NUMBER
2605-20423	00000/0000	2-10022/1178	09/18/76	30	8438	6002N	15418W	29.1	154.5	GGGG			77	18
2605-20430	00000/0000	2-10022/1179	09/18/76	30	8438	5839N	15517W	30.2	153.2	GGGG			77	19
2605-20432	00000/0000	2-10022/1180	09/18/76	40	8438	5715N	15611W	31.2	151.9	GGGG			77	20
2605-20435	00000/0000	2-10022/1181	09/18/76	30	8438	5552N	15702W	32.2	150.7	GGGG			77	21
2605-20441	00000/0000	2-10022/1182	09/18/76	60	8438	5428N	15750W	33.2	149.4	GGGG			77	22
2606-15415	00000/0000	2-10022/1156	09/19/76	90	8449	4850N	08441W	36.9	144.7	GGGG			24	26
2606-15421	00000/0000	2-10022/1157	09/19/76	80	8449	4725N	08517W	37.9	143.5	GGGG			24	27
2606-15424	00000/0000	2-10022/1158	09/19/76	60	8449	4559N	08552W	38.8	142.3	GGGG			24	28
2606-15430	00000/0000	2-10022/1159	09/19/76	40	8449	4433N	08625W	39.7	141.0	GGGG			24	29
2606-15433	00000/0000	2-10022/1160	09/19/76	50	8449	4308N	08656W	40.6	139.7	GGGG			24	30
2606-15435	00000/0000	2-10022/1161	09/19/76	30	8449	4142N	08727W	41.5	138.4	GGGF			24	31
2606-15442	00000/0000	2-10022/1162	09/19/76	30	8449	4017N	08757W	42.3	137.1	GGGG			24	32
2606-15444	00000/0000	2-10022/1163	09/19/76	40	8449	3851N	08825W	43.2	135.8	GGGG			24	33
2606-15451	2-10022/1495	2-10022/1164	09/19/76	30	8449	3725N	08850W	44.0	134.4	GGG GGGG			24	34
2606-15453	2-10022/1496	2-10022/1165	09/19/76	40	8449	3600N	08921W	44.7	133.0	GGG GGGG			24	35
2606-15460	2-10022/1497	2-10022/1166	09/19/76	40	8449	3434N	08948W	45.5	131.5	GGG GGGG			24	36
2606-15462	2-10022/1498	2-10022/1167	09/19/76	30	8449	3308N	09014W	46.2	130.0	GGG GGGF			24	37
2606-15465	2-10022/1499	2-10022/1168	09/19/76	20	8449	3142N	09040W	46.9	128.5	GGG FGGF			24	38
2606-15471	2-10022/1500	2-10022/1169	09/19/76	30	8449	3017N	09105W	47.6	126.9	GGG GGGF			24	39
2606-15474	2-10022/1501	2-10022/1170	09/19/76	30	8449	2851N	09129W	48.2	125.3	GG GGGF			24	40
2606-17250	00000/0000	2-10022/1210	09/19/76	0	8450	4849N	11027W	36.9	144.7	FGGG			42	26
2606-17253	00000/0000	2-10022/1211	09/19/76	0	8450	4723N	11103W	37.8	143.5	GGGG			42	27
2606-17255	00000/0000	2-10022/1212	09/19/76	50	8450	4559N	11138W	38.8	142.3	GGFG			42	28
2606-17262	00000/0000	2-10022/1213	09/19/76	80	8450	4434N	11211W	39.7	141.0	GGGG			42	29
2606-17264	00000/0000	2-10022/1214	09/19/76	30	8450	4308N	11243W	40.6	139.8	GGGG			42	30
2606-17271	00000/0000	2-10022/1215	09/19/76	10	8450	4142N	11314W	41.5	138.5	GGGG			42	31
2606-17273	00000/0000	2-10022/1216	09/19/76	30	8450	4017N	11344W	42.3	137.1	GGGG			42	32
2606-17280	00000/0000	2-10022/1217	09/19/76	20	8450	3852N	11414W	43.1	135.8	GGGG			42	33
2606-17282	00000/0000	2-10022/1218	09/19/76	10	8450	3726N	11443W	43.9	134.4	GGGG			42	34
2606-17285	00000/0000	2-10022/1219	09/19/76	10	8450	3589N	11511W	44.7	133.0	GGGG			42	35
2606-17291	00000/0000	2-10022/1220	09/19/76	0	8450	3434N	11538W	45.5	131.5	GGGG			42	36
2606-17294	00000/0000	2-10022/1221	09/19/76	10	8450	3308N	11604W	46.2	130.1	GGGF			42	37
2606-17300	00000/0000	2-10022/1222	09/19/76	70	8450	3142N	11629W	46.9	128.5	GGGG			42	38
2606-20450	00000/0000	2-10022/1223	09/19/76	100	8452	7045N	14404W	20.1	168.2	GGFG			78	10
2606-20452	00000/0000	2-10022/1224	09/19/76	100	8452	6928N	14606W	21.2	166.1	GGGG			78	11
2606-20455	00000/0000	2-10022/1225	09/19/76	90	8452	6809N	14756W	22.3	164.1	GGGG			78	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0300

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBV NUMBER
2606-20461	00000/0000	2-10022/1226	09/19/76	90	8452	6649N	14934W	23.4	162.2	GGGG		78	13
2606-20464	00000/0000	2-10022/1227	09/19/76	90	8452	6528N	15103W	24.5	160.5	GGGG		78	14
2606-20470	00000/0000	2-10022/1228	09/19/76	80	8452	6407N	15224W	25.6	159.0	GGGG		78	15
2606-20473	00000/0000	2-10022/1229	09/19/76	20	8452	6246N	15338W	26.6	157.5	GGGG		78	16
2606-20475	00000/0000	2-10022/1230	09/19/76	20	8452	6124N	15446W	27.7	156.1	GGGG		78	17
2606-20482	00000/0000	2-10022/1231	09/19/76	50	8452	6001N	15549W	28.8	154.7	GGGG		78	18
2606-20484	00000/0000	2-10022/1232	09/19/76	70	8452	5838N	15647W	29.8	153.4	GGGG		78	19
2606-20491	00000/0000	2-10022/1233	09/19/76	70	8452	5714N	15742W	30.9	152.1	GGGG		78	20
2606-20493	00000/0000	2-10022/1234	09/19/76	50	8452	5550N	15833W	31.9	150.9	GGGG		78	21
2606-20500	00000/0000	2-10022/1235	09/19/76	30	8452	5425N	15921W	32.9	149.6	GGGG		78	22
2607-15473	00000/0000	2-10022/1196	09/20/76	10	8463	4847N	08605W	36.6	145.0	GGGG		25	26
2607-15480	00000/0000	2-10022/1197	09/20/76	10	8463	4722N	08642W	37.6	143.8	GGGG		25	27
2607-15482	00000/0000	2-10022/1198	09/20/76	20	8463	4556N	08717W	38.5	142.5	GGGG		25	28
2607-15485	00000/0000	2-10022/1199	09/20/76	70	8463	4431N	08750W	39.4	141.3	GGGG		25	29
2607-15491	00000/0000	2-10022/1200	09/20/76	50	8463	4306N	08823W	40.3	140.0	GGGG		25	30
2607-15494	00000/0000	2-10022/1201	09/20/76	70	8463	4141N	08854W	41.2	138.8	GGGG		25	31
2607-15500	00000/0000	2-10022/1202	09/20/76	90	8463	4016N	08924W	42.1	137.5	GGGG		25	32
2607-15503	00000/0000	2-10022/1203	09/20/76	90	8463	3850N	08953W	42.9	136.1	GGGG		25	33
2607-15505	00000/0000	2-10022/1204	09/20/76	70	8463	3725N	09021W	43.7	134.8	GGGG		25	34
2607-15512	00000/0000	2-10022/1205	09/20/76	40	8463	3559N	09049W	44.5	133.4	GGGG		25	35
2607-15514	00000/0000	2-10022/1206	09/20/76	90	8463	3433N	09116W	45.3	131.9	GGGG		25	36
2607-15521	00000/0000	2-10022/1207	09/20/76	90	8463	3306N	09141W	46.0	130.4	GGGG		25	37
2607-15523	00000/0000	2-10022/1208	09/20/76	90	8463	3140N	09207W	46.7	128.9	GGGG		25	38
2607-15530	00000/0000	2-10022/1209	09/20/76	100	8463	3014N	09231W	47.4	127.4	GGGG		25	39
2607-17305	00000/0000	2-10022/1244	09/20/76	0	8464	4847N	11152W	36.6	145.0	GGGG		43	26
2607-17311	00000/0000	2-10022/1245	09/20/76	0	8464	4722N	11229W	37.5	143.8	FFGG		43	27
2607-17314	00000/0000	2-10022/1246	09/20/76	0	8464	4557N	11305W	38.5	142.6	FFGG		43	28
2607-17320	00000/0000	2-10022/1247	09/20/76	10	8464	4432N	11339W	39.4	141.3	GGGG		43	29
2607-17323	00000/0000	2-10022/1248	09/20/76	10	8464	4307N	11411W	40.3	140.1	GGGG		43	30
2607-17325	00000/0000	2-10022/1249	09/20/76	0	8464	4141N	11442W	41.2	138.8	GGGG		43	31
2607-17332	00000/0000	2-10022/1250	09/20/76	20	8464	4016N	11513W	42.0	137.5	FFGG		43	32
2607-17334	00000/0000	2-10022/1251	09/20/76	50	8464	3850N	11542W	42.9	136.1	GGGG		43	33
2607-17341	00000/0000	2-10022/1252	09/20/76	70	8464	3724N	11610W	43.7	134.8	GGGG		43	34
2607-17343	00000/0000	2-10022/1253	09/20/76	90	8464	3558N	11638W	44.5	133.4	GGGG		43	35
2607-17350	00000/0000	2-10022/1254	09/20/76	80	8464	3432N	11704W	45.2	131.9	GGGG		43	36
2607-17352	00000/0000	2-10022/1255	09/20/76	90	8464	3306N	11730W	46.0	130.5	GGGG		43	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER,  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0301

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2607-17355	00000/0000	2-10022/1256	09/20/76	90	8464	3141N	11755W	46.7	129.0	GGGG			43	38
2607-20504	00000/0000	2-10022/1259	09/20/76	60	8466	7046N	14525W	19.7	168.4	GGGG			79	10
2607-20510	00000/0000	2-10022/1260	09/20/76	30	8466	6929N	14729W	20.8	166.2	GGGG			79	11
2607-20513	00000/0000	2-10022/1261	09/20/76	50	8466	6810N	14918W	21.9	164.2	GGGG			79	12
2607-20515	00000/0000	2-10022/1262	09/20/76	90	8466	6650N	15056W	23.0	162.4	GGGF			79	13
2607-20522	00000/0000	2-10022/1263	09/20/76	70	8466	6529N	15226W	24.1	160.7	GGGF			79	14
2607-20524	00000/0000	2-10022/1264	09/20/76	80	8466	6409N	15347W	25.2	159.1	GGGF			79	15
2607-20531	00000/0000	2-10022/1265	09/20/76	100	8466	6247N	15501W	26.3	157.7	GGGF			79	16
2607-20533	00000/0000	2-10022/1266	09/20/76	100	8466	6124N	15610W	27.3	156.2	GGGF			79	17
2607-20540	00000/0000	2-10022/1267	09/20/76	100	8466	6002N	15713W	28.4	154.9	GGGF			79	18
2607-20542	00000/0000	2-10022/1268	09/20/76	80	8466	5839N	15811W	29.4	153.6	GGGF			79	19
2607-20545	00000/0000	2-10022/1269	09/20/76	60	8466	5715N	15905W	30.5	152.3	GGGF			79	20
2607-20551	00000/0000	2-10022/1270	09/20/76	60	8466	5551N	15956W	31.5	151.1	GGGF			79	21
2607-20554	00000/0000	2-10022/1271	09/20/76	60	8466	5428N	16043W	32.5	149.9	GGGF			79	22
2608-15531	00000/0000	2-10022/1085	09/21/76	90	8477	4848N	08733W	36.2	145.3	GGFG			26	26
2608-15534	00000/0000	2-10022/1086	09/21/76	90	8477	4723N	08809W	37.2	144.1	GGFG			26	27
2608-15540	00000/0000	2-10022/1087	09/21/76	70	8477	4568N	08843W	38.2	142.9	GGGG			26	28
2608-15543	00000/0000	2-10022/1088	09/21/76	40	8477	4433N	08917W	39.1	141.6	GGGG			26	29
2608-15545	00000/0000	2-10022/1089	09/21/76	30	8477	4308N	08949W	40.0	140.4	GGGG			26	30
2608-15552	00000/0000	2-10022/1090	09/21/76	10	8477	4142N	09020W	40.9	139.1	GGGG			26	31
2608-15554	00000/0000	2-10022/1091	09/21/76	0	8477	4017N	09050W	41.7	137.8	GGGG			26	32
2608-15561	00000/0000	2-10022/1092	09/21/76	0	8477	3852N	09119W	42.6	136.5	GGGG			26	33
2608-15563	00000/0000	2-10022/1093	09/21/76	0	8477	3726N	09147W	43.4	135.2	GGGG			26	34
2608-15570	00000/0000	2-10022/1094	09/21/76	0	8477	3600N	09215W	44.2	133.8	GGGG			26	35
2608-15572	00000/0000	2-10022/1095	09/21/76	0	8477	3434N	09242W	45.0	132.4	GGGG			26	36
2608-15575	00000/0000	2-10022/1096	09/21/76	10	8477	3308N	09308W	45.7	130.9	GGGG			26	37
2608-15581	00000/0000	2-10022/1097	09/21/76	50	8477	3142N	09333W	46.5	129.4	GGGG			26	38
2608-15584	00000/0000	2-10022/1098	09/21/76	80	8477	3015N	09358W	47.1	127.9	GGGG			26	39
2608-15590	00000/0000	2-10022/1099	09/21/76	80	8477	2849N	09422W	47.8	126.3	GGGG			26	40
2608-15593	00000/0000	2-10022/1100	09/21/76	80	8477	2723N	09445W	48.4	124.7	GGGG			26	41
2608-15595	00000/0000	2-10022/1257	09/21/76	90	8477	2557N	09509W	49.0	123.1	GGGG			26	42
2608-16002	00000/0000	2-10022/1258	09/21/76	70	8477	2430N	09532W	49.6	121.4	GGGG			26	43
2608-17363	00000/0000	2-10022/1272	09/21/76	0	8478	4849N	11319W	36.2	145.3	GGGG			44	26
2608-17365	00000/0000	2-10022/1273	09/21/76	0	8478	4724N	11356W	37.2	144.1	GGGG			44	27
2608-17372	00000/0000	2-10022/1274	09/21/76	20	8478	4559N	11431W	38.1	142.9	GGGG			44	28
2608-17374	00000/0000	2-10022/1275	09/21/76	30	8478	4433N	11505W	39.1	141.7	GGGG			44	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 (BLANK)=COMPRESSED, L=LINEAR  
 MSS DATA MODE.....  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0302

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINCIPAL OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2608-17381	00000/0000	2-10022/1276	09/21/76	90	8478	4308N	11537W	40.0	140.4	GGGG			44	30
2608-17383	00000/0000	2-10022/1277	09/21/76	50	8478	4143N	11608W	40.9	139.2	GGGG			44	31
2608-17390	00000/0000	2-10022/1278	09/21/76	20	8478	4017N	11638W	41.7	137.9	GGGG			44	32
2608-17392	00000/0000	2-10022/1279	09/21/76	20	8478	3851N	11707W	42.6	136.5	GGGG			44	33
2608-17395	00000/0000	2-10022/1280	09/21/76	10	8478	3725N	11736W	43.4	135.2	GGGG			44	34
2608-17401	00000/0000	2-10022/1281	09/21/76	10	8478	3600N	11803W	44.2	133.8	GGGG			44	35
2608-17404	00000/0000	2-10022/1282	09/21/76	30	8478	3434N	11829W	45.0	132.4	GGGG			44	36
2608-17410	00000/0000	2-10022/1283	09/21/76	100	8478	3307N	11854W	45.7	131.0	GGGG			44	37
2608-20562	00000/0000	2-10022/1236	09/21/76	30	8480	7044N	14651W	19.3	168.5	GGGG			80	10
2608-20565	00000/0000	2-10022/1237	09/21/76	80	8480	6927N	14855W	20.4	166.3	GGGG			80	11
2608-20571	00000/0000	2-10022/1238	09/21/76	90	8480	6808N	15044W	21.5	164.3	GGGG			80	12
2608-20574	00000/0000	2-10022/1239	09/21/76	90	8480	6649N	15224W	22.6	162.5	GGGG			80	13
2608-20580	00000/0000	2-10022/1240	09/21/76	80	8480	6528N	15353W	23.7	160.8	GGGG			80	14
2608-20583	00000/0000	2-10022/1241	09/21/76	80	8480	6407N	15514W	24.8	159.3	GGGG			80	15
2608-20585	00000/0000	2-10022/1242	09/21/76	70	8480	6246N	15628W	25.9	157.8	GGGG			80	16
2608-20592	00000/0000	2-10022/1243	09/21/76	80	8480	6123N	15736W	27.0	156.4	GGGG			80	17
2609-15590	00000/0000	2-10022/1296	09/22/76	90	8491	4847N	08859W	35.9	145.5	GGGG			27	26
2609-15592	00000/0000	2-10022/1297	09/22/76	90	8491	4721N	08936W	36.9	144.3	GGGG			27	27
2609-15595	00000/0000	2-10022/1298	09/22/76	90	8491	4556N	09011W	37.8	143.1	GGGG			27	28
2609-16001	00000/0000	2-10022/1299	09/22/76	50	8491	4431N	09044W	38.8	141.9	GGGG			27	29
2609-16004	00000/0000	2-10022/1300	09/22/76	10	8491	4306N	09116W	39.7	140.7	GGGG			27	30
2609-16010	00000/0000	2-10022/1301	09/22/76	0	8491	4140N	09146W	40.6	139.4	GGGG			27	31
2609-16013	00000/0000	2-10022/1302	09/22/76	0	8491	4015N	09216W	41.5	138.2	GGGG			27	32
2609-16015	00000/0000	2-10022/1303	09/22/76	0	8491	3849N	09245W	42.3	136.9	GGGG			27	33
2609-16022	00000/0000	2-10022/1304	09/22/76	0	8491	3724N	09313W	43.2	135.5	GGGG			27	34
2609-16024	00000/0000	2-10022/1305	09/22/76	0	8491	3559N	09341W	44.0	134.2	GGGG			27	35
2609-16031	00000/0000	2-10022/1306	09/22/76	0	8491	3432N	09408W	44.7	132.8	GGGG			27	36
2609-16033	00000/0000	2-10022/1307	09/22/76	10	8491	3306N	09434W	45.5	131.3	GGGG			27	37
2609-16045	00000/0000	2-10022/1308	09/22/76	10	8491	2846N	09547W	47.6	126.8	GGGG			27	40
2609-16051	00000/0000	2-10022/1309	09/22/76	10	8491	2720N	09611W	48.2	125.2	GGGG			27	41
2609-16054	00000/0000	2-10022/1310	09/22/76	10	8491	2555N	09634W	48.8	123.6	GGGG			27	42
2609-16060	00000/0000	2-10022/1311	09/22/76	30	8491	2429N	09656W	49.4	121.9	GGGG			27	43
2609-17421	00000/0000	2-10022/1284	09/22/76	10	8492	4846N	11447W	35.9	145.5	GGGG			45	26
2609-17424	00000/0000	2-10022/1285	09/22/76	10	8492	4722N	11524W	36.9	144.3	GGGG			45	27
2609-17430	00000/0000	2-10022/1286	09/22/76	70	8492	4556N	11559W	37.8	143.2	GGGG			45	28
2609-17433	00000/0000	2-10022/1287	09/22/76	60	8492	4431N	11633W	38.8	141.9	GGGG			45	29

KEYS: CLOUD COVER : ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANH SAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0303

OBSERVATION ID	MICROFILM POSITION RBV	RAI NO./ IN RAI MSS	DATE ACQUIRED	CLSD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBN NUMBER
2609-17435	00000/0000	2-10022/1288	09/22/76	10	8492	4306N	11705W	39.7 140.7	GGGG			45	30
2609-17442	00000/0000	2-10022/1289	09/22/76	20	8492	4140N	11737W	40.6 139.8	GGGG			45	31
2609-17444	00000/0000	2-10022/1290	09/22/76	40	8492	4015N	11807W	41.4 138.2	GGGG			45	32
2609-17451	00000/0000	2-10022/1291	09/22/76	30	8492	3849N	11836W	42.3 136.9	GGGG			45	33
2609-17453	00000/0000	2-10022/1292	09/22/76	30	8492	3723N	11903W	43.1 135.6	GGGG			45	34
2609-17460	00000/0000	2-10022/1293	09/22/76	30	8492	3558N	11930W	43.9 134.2	GGGG			45	35
2609-17462	00000/0000	2-10022/1294	09/22/76	60	8492	3432N	11956W	44.7 132.8	GGGG			45	36
2609-17465	00000/0000	2-10022/1295	09/22/76	90	8492	3306N	12021W	45.5 131.4	GGGG			45	37
2609-21020	00000/0000	2-10022/1430	09/22/76	90	8494	7043N	14823W	19.0 168.5	GGGG			81	10
2609-21023	00000/0000	2-10022/1431	09/22/76	80	8494	6925N	15025W	20.1 166.3	GGGG			81	11
2609-21025	00000/0000	2-10022/1432	09/22/76	60	8494	6806N	15215W	21.2 164.4	GGGG			81	12
2609-21032	00000/0000	2-10022/1433	09/22/76	60	8494	6647N	15354W	22.3 162.6	GGGG			81	13
2609-21034	00000/0000	2-10022/1434	09/22/76	80	8494	6527N	15523W	23.4 160.9	GGGG			81	14
2609-21041	00000/0000	2-10022/1435	09/22/76	100	8494	6406N	15643W	24.5 159.4	GGGG			81	15
2609-21043	00000/0000	2-10022/1436	09/22/76	90	8494	6244N	15756W	25.6 157.9	GGGG			81	16
2609-21050	00000/0000	2-10022/1437	09/22/76	90	8494	6121N	15904W	26.6 156.5	GGGG			81	17
2609-21052	00000/0000	2-10022/1438	09/22/76	90	8494	5959N	16007W	27.7 155.2	GGGG			81	18
2609-21055	00000/0000	2-10022/1439	09/22/76	100	8494	5835N	16105W	28.8 153.9	GGGG			81	19
2609-21061	00000/0000	2-10022/1440	09/22/76	90	8494	5711N	16200W	29.8 152.7	GGGG			81	20
2609-21064	00000/0000	2-10022/1441	09/22/76	60	8494	5547N	16250W	30.9 151.5	GGGG			81	21
2609-21070	00000/0000	2-10022/1442	09/22/76	70	8494	5423N	16338W	31.9 150.3	GGGG			81	22
2609-21073	00000/0000	2-10022/1443	09/22/76	90	8494	5259N	16423W	32.9 149.1	GGGG			81	23
2610-14215	00000/0000	2-10022/1312	09/23/76	10	8504	4726N	06510W	36.5 144.7	FFGG			10	27
2610-14221	00000/0000	2-10022/1313	09/23/76	40	8504	4602N	06544W	37.5 143.5	FFGG			10	28
2610-14224	00000/0000	2-10022/1314	09/23/76	20	8504	4436N	06617W	38.4 142.3	FFGG			10	29
2610-14230	00000/0000	2-10022/1315	09/23/76	10	8504	4311N	06649W	39.4 141.1	FFGG			10	30
2610-16044	00000/0000	2-10022/1316	09/23/76	70	8505	4851N	09022W	35.5 145.9	GGGG			28	26
2610-16050	00000/0000	2-10022/1317	09/23/76	40	8505	4726N	09058W	36.5 144.7	GGGG			28	27
2610-16053	00000/0000	2-10022/1318	09/23/76	10	8505	4601N	09133W	37.5 143.5	GGGG			28	28
2610-16055	00000/0000	2-10022/1319	09/23/76	10	8505	4436N	09206W	38.4 142.3	GGGG			28	29
2610-16062	00000/0000	2-10022/1320	09/23/76	0	8505	4311N	09238W	39.3 141.1	GGGG			28	30
2610-16064	00000/0000	2-10022/1321	09/23/76	10	8505	4146N	09310W	40.2 139.9	GGGG			28	31
2610-16071	00000/0000	2-10022/1322	09/23/76	60	8505	4020N	09340W	41.1 138.6	GGGG			28	32
2610-16073	00000/0000	2-10022/1323	09/23/76	80	8505	3854N	09409W	42.0 137.3	GGGG			28	33
2610-16080	00000/0000	2-10022/1324	09/23/76	60	8505	3729N	09437W	42.8 136.0	GGGG			28	34
2610-16082	00000/0000	2-10022/1325	09/23/76	10	8505	3603N	09505W	43.6 134.7	GGGG			28	35

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0304

OBSERVATION ID	MICROFILM RELI NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS MSS DATA	MSS MSS IMAGE	ORBIT PATH NUMBER	FRAME ROW- NUMBER
2610-16085	00000/0000	2-10022/1338	09/23/76	10	8505	3437N	09532W	44.4	133.3	GGGG		28	36
2610-16091	00000/0000	2-10022/1339	09/23/76	10	8505	3311N	09558W	45.2	131.9	GGGG		28	37
2610-16094	00000/0000	2-10022/1340	09/23/76	10	8505	3146N	09624W	45.9	130.4	GGGG		28	38
2610-16100	00000/0000	2-10022/1341	09/23/76	10	8505	3019N	09648W	46.7	128.9	GGGG		28	39
2610-16103	00000/0000	2-10022/1342	09/23/76	10	8505	2852N	09712W	47.3	127.4	GGGG		28	40
2610-16105	00000/0000	2-10022/1343	09/23/76	10	8505	2726N	09735W	48.0	125.8	GGGG		28	41
2610-16112	00000/0000	2-10022/1344	09/23/76	10	8505	2600N	09758W	48.6	124.2	GGGG		28	42
2610-17475	00000/0000	2-10022/1326	09/23/76	40	8506	4852N	11411W	35.5	145.9	GGGG		46	26
2610-17482	00000/0000	2-10022/1327	09/23/76	90	8506	4727N	11648W	36.5	144.7	GGGG		46	27
2610-17484	00000/0000	2-10022/1328	09/23/76	50	8506	4602N	11723W	37.5	143.5	GGGG		46	28
2610-17491	00000/0000	2-10022/1329	09/23/76	20	8506	4436N	11757W	38.4	142.3	GGGG		46	29
2610-17493	00000/0000	2-10022/1330	09/23/76	10	8506	4311N	11829W	39.3	141.1	GGGG		46	30
2610-17500	00000/0000	2-10022/1331	09/23/76	10	8506	4146N	11901W	40.2	139.9	GGGG		46	31
2610-17502	00000/0000	2-10022/1332	09/23/76	0	8506	4020N	11931W	41.1	138.6	GGGG		46	32
2610-17505	00000/0000	2-10022/1333	09/23/76	10	8506	3854N	11959W	42.0	137.3	GGGG		46	33
2610-17511	00000/0000	2-10022/1334	09/23/76	10	8506	3728N	12027W	42.8	136.0	GGGG		46	34
2610-17514	00000/0000	2-10022/1335	09/23/76	20	8506	3603N	12054W	43.6	134.7	GGGG		46	35
2610-17520	00000/0000	2-10022/1336	09/23/76	90	8506	3437N	12120W	44.4	133.3	GGGG		46	36
2610-17523	00000/0000	2-10022/1337	09/23/76	90	8506	3312N	12146W	45.2	131.9	GGGG		46	37
2610-21074	00000/0000	2-10022/1345	09/23/76	100	8508	7047N	14940W	18.5	168.7	GGGG		82	10
2610-21081	00000/0000	2-10022/1346	09/23/76	100	8508	6929N	15144W	19.6	166.6	GGGG		82	11
2610-21083	00000/0000	2-10022/1347	09/23/76	100	8508	6811N	15334W	20.7	164.6	GGGG		82	12
2610-21090	00000/0000	2-10022/1348	09/23/76	70	8508	6651N	15513W	21.8	162.8	GGGG		82	13
2610-21092	00000/0000	2-10022/1349	09/23/76	20	8508	6530N	15643W	22.9	161.2	GGGG		82	14
2610-21095	00000/0000	2-10022/1350	09/23/76	20	8508	6410N	15803W	24.0	159.6	GGGG		82	15
2610-21101	00000/0000	2-10022/1351	09/23/76	60	8508	6248N	15916W	25.1	158.2	GGGG		82	16
2610-21104	00000/0000	2-10022/1352	09/23/76	70	8508	6126N	16024W	26.2	156.8	GGGG		82	17
2610-21110	00000/0000	2-10022/1353	09/23/76	90	8508	6003N	16128W	27.3	155.4	GGGG		82	18
2610-21113	00000/0000	2-10022/1354	09/23/76	90	8508	5840N	16227W	28.3	154.2	GGGG		82	19
2610-21115	00000/0000	2-10022/1355	09/23/76	90	8508	5717N	16323W	29.4	152.9	GGGG		82	20
2610-21122	00000/0000	2-10022/1356	09/23/76	90	8508	5553N	16414W	30.4	151.7	GGGG		82	21
2610-21124	00000/0000	2-10022/1357	09/23/76	90	8508	5429N	16502W	31.5	150.5	GGGG		82	22
2610-21131	00000/0000	2-10022/1358	09/23/76	60	8508	5304N	16547W	32.5	149.4	GGGG		82	23
2611-14273	00000/0000	2-10022/1367	09/24/76	30	8518	4725N	06636W	36.2	144.9	GGGG		11	27
2611-14275	00000/0000	2-10022/1368	09/24/76	10	8518	4600N	06710W	37.2	143.7	GGGG		11	28
2611-14282	00000/0000	2-10022/1369	09/24/76	10	8518	4436N	06744W	38.1	142.6	GGGG		11	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0305

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2611-14284	00000/0000	2-10022/1370	09/24/76	70	8518	4310N	06816W	39.1	141.4	GGFG			11	30
2611-14291	00000/0000	2-10022/1371	09/24/76	80	8518	4143N	06847W	40.0	140.1	GGGG			11	31
2611-14293	00000/0000	2-10022/1372	09/24/76	50	8518	4018N	06918W	40.9	138.9	FFGG			11	32
2611-16102	00000/0000	2-10022/1382	09/24/76	60	8519	4851N	09148W	35.2	146.1	GGGG			29	26
2611-16104	00000/0000	2-10022/1383	09/24/76	0	8519	4726N	09225W	36.2	144.9	GGGG			29	27
2611-16111	00000/0000	2-10022/1384	09/24/76	30	8519	4559N	09301W	37.2	143.8	GGGG			29	28
2611-16113	00000/0000	2-10022/1385	09/24/76	80	8519	4433N	09335W	38.1	142.6	GG G			29	29
2611-16120	00000/0000	2-10022/1386	09/24/76	80	8519	4308N	09408W	39.0	141.4	GGGG			29	30
2611-16122	00000/0000	2-10022/1387	09/24/76	70	8519	4143N	09439W	39.9	140.2	GGFG			29	31
2611-16125	00000/0000	2-10022/1388	09/24/76	40	8519	4018N	09508W	40.8	138.9	GGGG			29	32
2611-16131	00000/0000	2-10022/1389	09/24/76	10	8519	3852N	09537W	41.7	137.7	FFGG			29	33
2611-16134	00000/0000	2-10022/1390	09/24/76	0	8519	3726N	09605W	42.6	136.4	GGGG			29	34
2611-16140	00000/0000	2-10022/1391	09/24/76	0	8519	3601N	09633W	43.4	135.0	GGGG			29	35
2611-16143	00000/0000	2-10022/1392	09/24/76	0	8519	3435N	09659W	44.2	133.7	GGGG			29	36
2611-16145	00000/0000	2-10022/1393	09/24/76	10	8519	3309N	09725W	45.0	132.3	GGGG			29	37
2611-16152	00000/0000	2-10022/1394	09/24/76	10	8519	3143N	09751W	45.7	130.8	FFGG			29	38
2611-16154	00000/0000	2-10022/1395	09/24/76	10	8519	3017N	09815W	46.4	129.3	GGGG			29	39
2611-16161	00000/0000	2-10022/1396	09/24/76	20	8519	2851N	09839W	47.1	127.8	GGGG			29	40
2611-16163	00000/0000	2-10022/1397	09/24/76	20	8519	2725N	09903W	47.8	126.3	GGGG			29	41
2611-16170	00000/0000	2-10022/1398	09/24/76	30	8519	2558N	09926W	48.4	124.7	GGGG			29	42
2611-17534	00000/0000	2-10022/1359	09/24/76	30	8520	4800N	11736W	35.2	146.1	GGGG			47	26
2611-17540	00000/0000	2-10022/1360	09/24/76	10	8520	4725N	11813W	36.2	145.0	GGGG			47	27
2611-17554	00000/0000	2-10022/1361	09/24/76	40	8520	4142N	12026W	39.9	140.2	GGGG			47	31
2611-17561	00000/0000	2-10022/1362	09/24/76	10	8520	4017N	12056W	40.8	138.9	GGGG			47	32
2611-17563	00000/0000	2-10022/1363	09/24/76	10	8520	3852N	12124W	41.7	137.7	GGGG			47	33
2611-17570	00000/0000	2-10022/1364	09/24/76	40	8520	3726N	12153W	42.5	136.4	GGGG			47	34
2611-17572	00000/0000	2-10022/1365	09/24/76	80	8520	3601N	12220W	43.4	135.0	GGGG			47	35
2611-17575	00000/0000	2-10022/1366	09/24/76	90	8520	3436N	12247W	44.2	133.7	GGGG			47	36
2611-21133	00000/0000	2-10022/1416	09/24/76	90	8522	7045N	15113W	18.1	168.8	GGGG			83	10
2611-21135	00000/0000	2-10022/1417	09/24/76	100	8522	6927N	15316W	19.3	166.6	GGGG			83	11
2611-21142	00000/0000	2-10022/1418	09/24/76	50	8522	6809N	15505W	20.4	164.7	GGGG			83	12
2611-21144	00000/0000	2-10022/1419	09/24/76	10	8522	6649N	15644W	21.5	162.9	GGGG			83	13
2611-21151	00000/0000	2-10022/1420	09/24/76	10	8522	6529N	15812W	22.6	161.3	GGGG			83	14
2611-21153	00000/0000	2-10022/1421	09/24/76	90	8522	6408N	15934W	23.7	159.7	GGFG			83	15
2611-21160	00000/0000	2-10022/1422	09/24/76	90	8522	6246N	16048W	24.8	158.3	GGFG			83	16
2611-21162	00000/0000	2-10022/1423	09/24/76	100	8522	6124N	16157W	25.9	156.9	GGGG			83	17

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0306

OBSERVATION ID	MICROFILM POSITION IN REEL RBV	REEL NO. IN REEL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2611-21165	00000/0000	2-10022/1424	09/24/76	90	8522	6001N	16300W	26.9	155.6	GGGG			83	18
2611-21171	00000/0000	2-10022/1425	09/24/76	70	8522	5838N	16358W	28.0	154.3	GGPG			83	19
2611-21174	00000/0000	2-10022/1426	09/24/76	60	8522	5715N	16452W	29.1	153.1	GGGG			83	20
2611-21180	00000/0000	2-10022/1427	09/24/76	90	8522	5551N	16542W	30.1	151.9	GGGG			83	21
2611-21183	00000/0000	2-10022/1428	09/24/76	90	8522	5427N	16630W	31.1	150.7	GGGG			83	22
2611-21185	00000/0000	2-10022/1429	09/24/76	50	8522	5303N	16715W	32.2	149.6	FGGG			83	23
2612-14331	00000/0000	2-10022/1373	09/25/76	20	8532	4723N	06803W	35.9	145.2	GGGG			12	27
2612-14334	00000/0000	2-10022/1374	09/25/76	80	8532	4558N	06838W	36.9	144.0	GGGG			12	28
2612-14340	00000/0000	2-10022/1375	09/25/76	40	8532	4432N	06911W	37.8	142.8	GGGG			12	29
2612-14343	00000/0000	2-10022/1376	09/25/76	20	8532	4307N	06944W	38.8	141.7	FFFF			12	30
2612-14345	00000/0000	2-10022/1377	09/25/76	10	8532	4141N	07015W	39.7	140.4	FFGF			12	31
2612-14352	00000/0000	2-10022/1378	09/25/76	10	8532	4016N	07045W	40.6	139.2	FFGG			12	32
2612-14354	00000/0000	2-10022/1379	09/25/76	20	8532	3850N	07114W	41.5	138.0	GGFG			12	33
2612-14361	00000/0000	2-10022/1380	09/25/76	30	8532	3724N	07142W	42.3	136.7	GGGG			12	34
2612-14363	00000/0000	2-10022/1381	09/25/76	30	8532	3558N	07210W	43.1	135.4	GGFG			12	35
2612-16160	00000/0000	2-10022/1399	09/25/76	30	8533	4848N	09315W	34.9	146.3	GGGG			30	26
2612-16163	00000/0000	2-10022/1400	09/25/76	40	8533	4723N	09352W	35.9	145.2	GGGG			30	27
2612-16165	00000/0000	2-10022/1401	09/25/76	40	8533	4558N	09427W	36.9	144.0	GGGF			30	28
2612-16172	00000/0000	2-10022/1402	09/25/76	30	8533	4433N	09501W	37.8	142.9	GGGG			30	29
2612-16174	00000/0000	2-10022/1403	09/25/76	70	8533	4308N	09533W	38.7	141.7	GGGG			30	30
2612-16181	00000/0000	2-10022/1404	09/25/76	100	8533	4142N	09604W	39.7	140.5	GGFG			30	31
2612-16183	00000/0000	2-10022/1405	09/25/76	100	8533	4016N	09634W	40.6	139.2	GGGG			30	32
2612-16190	00000/0000	2-10022/1406	09/25/76	90	8533	3850N	09703W	41.4	138.0	GGFG			30	33
2612-16192	00000/0000	2-10022/1407	09/25/76	90	8533	3725N	09731W	42.3	136.7	GGFG			30	34
2612-16195	00000/0000	2-10022/1408	09/25/76	90	8533	3559N	09758W	43.1	135.4	GGGG			30	35
2612-16201	00000/0000	2-10022/1409	09/25/76	80	8533	3433N	09825W	43.9	134.0	GGGG			30	36
2612-16204	00000/0000	2-10022/1410	09/25/76	60	8533	3308N	09851W	44.7	132.6	GGGG			30	37
2612-16210	00000/0000	2-10022/1411	09/25/76	40	8533	3142N	09917W	45.5	131.2	GGGG			30	38
2612-16213	00000/0000	2-10022/1412	09/25/76	60	8533	3016N	09942W	46.2	129.8	GGGG			30	39
2612-16215	00000/0000	2-10022/1413	09/25/76	70	8533	2849N	10006W	46.9	128.3	GGGG			30	40
2612-16222	00000/0000	2-10022/1414	09/25/76	50	8533	2723N	10029W	47.6	126.7	GGGG			30	41
2612-16224	00000/0000	2-10022/1415	09/25/76	70	8533	2557N	10053W	48.2	125.1	GGGG			30	42
2612-17592	00000/0000	2-10022/1444	09/25/76	10	8534	4848N	11903W	34.9	146.3	G			48	26
2612-17594	00000/0000	2-10022/1445	09/25/76	10	8534	4723N	11939W	35.9	145.2	GGGG			48	27
2612-18001	00000/0000	2-10022/1446	09/25/76	10	8534	4558N	12015W	36.8	144.0	GGGG			48	28
2612-18003	00000/0000	2-10022/1447	09/25/76	10	8534	4423N	12048W	37.8	142.9	GGGG			48	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=1.8X GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0307

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2612-18010	00000/0000	2-10022/1448	09/25/76	0	8534	4306N	12121W	38.7	141.7	FGGG			48	30
2612-18012	00000/0000	2-10022/1449	09/25/76	10	8534	4141N	12154W	39.6	140.5	GGGG			48	31
2612-18015	00000/0000	2-10022/1450	09/25/76	10	8534	4016N	12224W	40.5	139.3	GGGG			48	32
2612-18021	00000/0000	2-10022/1451	09/25/76	50	8534	3850N	12253W	41.4	138.0	GGFG			48	33
2612-18024	00000/0000	2-10022/1452	09/25/76	90	8534	3725N	12321W	42.3	136.7	GGGG			48	34
2612-18030	00000/0000	2-10022/1453	09/25/76	80	8534	3559N	12348W	43.1	135.4	FGGG			48	35
2612-21191	00000/0000	2-10022/1454	09/25/76	90	8536	7046N	15232W	17.7	168.9	GGGG			84	10
2612-21193	00000/0000	2-10022/1455	09/25/76	90	8536	6929N	15436W	18.9	166.8	GGGG			84	11
2612-21200	00000/0000	2-10022/1456	09/25/76	90	8536	6810N	15627W	20.0	164.8	GGGG			84	12
2612-21202	00000/0000	2-10022/1457	09/25/76	90	8536	6651N	15806W	21.1	163.1	GGGG			84	13
2612-21205	00000/0000	2-10022/1458	09/25/76	50	8536	6530N	15935W	22.2	161.4	GGGG			84	14
2612-21211	00000/0000	2-10022/1459	09/25/76	30	8536	6409N	16056W	23.3	159.9	GGGG			84	15
2612-21220	00000/0000	2-10022/1460	09/25/76	80	8536	6125N	16318W	25.5	157.1	GGGG			84	17
2612-21223	00000/0000	2-10022/1461	09/25/76	90	8536	6002N	16422W	26.6	155.8	GGGG			84	18
2612-21225	00000/0000	2-10022/1462	09/25/76	80	8536	5840N	16520W	27.6	154.5	GGGG			84	19
2612-21232	00000/0000	2-10022/1463	09/25/76	90	8536	5717N	16616W	28.7	153.3	GGGG			84	20
2612-21234	00000/0000	2-10022/1464	09/25/76	90	8536	5553N	16707W	29.7	152.1	GGGG			84	21
2612-21241	00000/0000	2-10022/1465	09/25/76	90	8536	5428N	16755W	30.8	151.0	GGGG			84	22
2612-21243	00000/0000	2-10022/1466	09/25/76	80	8536	5304N	16839W	31.8	149.8	GGGG			84	23
2612-21250	00000/0000	2-10022/1467	09/25/76	50	8536	5140N	16921W	32.8	148.7	GGGG			84	24
2613-14385	00000/0000	2-10023/0050	09/26/76	30	8546	4725N	06929W	35.6	145.5	GGGG			13	27
2613-14392	00000/0000	2-10023/0051	09/26/76	60	8546	4600N	07005W	36.5	144.3	GGGG			13	28
2613-14394	00000/0000	2-10023/0052	09/26/76	70	8546	4435N	07038W	37.5	143.2	FGGG			13	29
2613-14401	00000/0000	2-10023/0053	09/26/76	70	8546	4309N	07110W	38.4	142.0	FGGG			13	30
2613-14403	00000/0000	2-10023/0054	09/26/76	70	8546	4143N	07141W	39.4	140.8	GGGG			13	31
2613-14410	00000/0000	2-10023/0055	09/26/76	80	8546	4017N	07211W	40.3	139.6	GGGG			13	32
2613-14412	00000/0000	2-10023/0056	09/26/76	70	8546	3852N	07240W	41.1	138.3	GGGG			13	33
2613-16214	00000/0000	2-10023/0028	09/26/76	90	8547	4848N	09441W	34.6	146.6	GGGG			31	26
2613-16221	00000/0000	2-10023/0029	09/26/76	70	8547	4723N	09518W	35.6	145.5	GGGG			31	27
2613-16223	00000/0000	2-10023/0030	09/26/76	70	8547	4558N	09553W	36.5	144.3	GGGG			31	28
2613-16230	00000/0000	2-10023/0031	09/26/76	80	8547	4433N	09627W	37.5	143.2	GGGG			31	29
2613-16232	00000/0000	2-10023/0032	09/26/76	90	8547	4308N	09659W	38.4	142.0	GGGG			31	30
2613-16235	00000/0000	2-10023/0033	09/26/76	90	8547	4142N	09730W	39.3	140.8	GGGG			31	31
2613-16241	00000/0000	2-10023/0034	09/26/76	90	8547	4017N	09801W	40.2	139.6	GGGG			31	32
2613-16244	00000/0000	2-10023/0035	09/26/76	80	8547	3852N	09830W	41.1	138.4	GGGG			31	33
2613-16250	00000/0000	2-10023/0036	09/26/76	90	8547	3726N	09859W	42.0	137.1	GGGG			31	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, I=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0308

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2613-16253	00000/0000	2-10023/0027	09/26/76	90	8547	3600N	09926W	42.8	135.8	G GG			31	35
2613-16255	00000/0000	2-10023/0037	09/26/76	90	8547	3435N	09953W	43.6	134.5	GGGG			31	36
2613-16273	00000/0000	2-10023/0038	09/26/76	20	8547	2850N	10134W	46.7	128.8	GGGG			31	40
2613-16280	00000/0000	2-10023/0039	09/26/76	10	8547	2724N	10158W	47.3	127.2	GGGG			31	41
2613-18050	00000/0000	2-10023/0040	09/26/76	10	8548	4849N	12030W	34.5	146.6	GGGG			49	26
2613-18053	00000/0000	2-10023/0041	09/26/76	20	8548	4724N	12106W	35.5	145.5	GGGG			49	27
2613-18055	00000/0000	2-10023/0042	09/26/76	20	8548	4559N	12141W	36.5	144.4	GGGG			49	28
2613-18062	00000/0000	2-10023/0043	09/26/76	30	8548	4434N	12215W	37.5	143.2	GGGG			49	29
2613-18064	00000/0000	2-10023/0044	09/26/76	20	8548	4308N	12247W	38.4	142.0	GP GG			49	30
2613-18071	00000/0000	2-10023/0045	09/26/76	10	8548	4143N	12318W	39.3	140.8	GGGF			49	31
2613-18073	00000/0000	2-10023/0049	09/26/76	40	8548	4018N	12349W	40.2	139.6	GG		H	49	32
2613-18080	00000/0000	2-10023/0046	09/26/76	90	8548	3853N	12418W	41.1	138.4	GGGG		H	49	33
2613-18082	00000/0000	2-10023/0047	09/26/76	100	8548	3727N	12446W	42.0	137.1	GGGG		H	49	34
2613-18085	00000/0000	2-10023/0048	09/26/76	100	8548	3601N	12513W	42.8	135.8	GGGG		H	49	35
2613-21245	00000/0000	2-10023/0057	09/26/76	90	8550	7044N	15404W	17.4	169.0	GGGG			85	10
2613-21252	00000/0000	2-10023/0058	09/26/76	90	8550	6927N	15607W	18.5	166.8	GGGG			85	11
2613-21254	00000/0000	2-10023/0059	09/26/76	70	8550	6808N	15758W	19.6	164.9	GGGG			85	12
2613-21261	00000/0000	2-10023/0060	09/26/76	40	8550	6648N	15936W	20.7	163.2	GGGG			85	13
2613-21263	00000/0000	2-10023/0061	09/26/76	40	8550	6528N	16106W	21.8	161.5	GGGG			85	14
2613-21270	00000/0000	2-10023/0062	09/26/76	70	8550	6407N	16227W	22.9	160.0	GGGG			85	15
2613-21272	00000/0000	2-10023/0063	09/26/76	70	8550	6244N	16341W	24.0	158.6	GGGG			85	16
2613-21275	00000/0000	2-10023/0064	09/26/76	100	8550	6122N	16450W	25.1	157.2	GGGG			85	17
2613-21281	00000/0000	2-10023/0065	09/26/76	90	8550	6000N	16552W	26.2	155.9	GGGG			85	18
2613-21290	00000/0000	2-10023/0066	09/26/76	70	8550	5713N	16745W	28.3	153.5	GGGG			85	20
2613-21293	00000/0000	2-10023/0067	09/26/76	50	8550	5549N	16835W	29.4	152.3	GGGG			85	21
2613-21295	00000/0000	2-10023/0068	09/26/76	80	8550	5426N	16922W	30.4	151.2	GGGG			85	22
2613-21302	00000/0000	2-10023/0069	09/26/76	40	8550	5302N	17006W	31.5	150.0	GGGG			85	23
2613-21304	00000/0000	2-10023/0070	09/26/76	40	8550	5137N	17049W	32.5	148.9	GGGG			85	24
2614-14444	00000/0000	2-10023/0107	09/27/76	80	8560	4723N	07057W	35.3	145.7	GGGG			14	27
2614-14450	00000/0000	2-10023/0108	09/27/76	90	8560	4557N	07132W	36.2	144.6	GGGG			14	28
2614-14453	00000/0000	2-10023/0109	09/27/76	90	8560	4432N	07205W	37.2	143.4	GGGG			14	29
2614-14455	00000/0000	2-10023/0110	09/27/76	90	8560	4306N	07237W	38.1	142.3	GGGG			14	30
2614-14462	00000/0000	2-10023/0111	09/27/76	100	8560	4141N	07307W	39.1	141.1	GGGG			14	31
2614-14464	00000/0000	2-10023/0112	09/27/76	90	8560	4015N	07337W	40.0	139.9	GGGG			14	32
2614-14471	00000/0000	2-10023/0113	09/27/76	90	8560	3849N	07407W	40.9	138.7	GGGG			14	33
2614-14473	00000/0000	2-10023/0114	09/27/76	80	8560	3723N	07435W	41.7	137.4	GGGG			14	34

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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0309

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NR./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2614-14480	00000/0000	2-10023/0115	09/27/76	70	8560	3558N	07503W	42.6	136.1	GGGG			14	35
2614-14482	00000/0000	2-10023/0116	09/27/76	20	8560	3432N	07530W	43.4	134.8	GGGG			14	36
2614-14485	00000/0000	2-10023/0117	09/27/76	20	8560	3306N	07556W	44.2	133.4	GGGG			14	37
2614-14491	00000/0000	2-10023/0118	09/27/76	10	8560	3140N	07621W	45.0	132.1	GGGG			14	38
2614-14494	00000/0000	2-10023/0119	09/27/76	10	8560	3014N	07645W	45.7	130.6	GGGG			14	39
2614-14500	00000/0000	2-10023/0120	09/27/76	10	8560	2848N	07710W	46.5	129.2	GGGG			14	40
2614-14503	00000/0000	2-10023/0121	09/27/76	10	8560	2723N	07733W	47.2	127.7	GGGG			14	41
2614-16273	00000/0000	2-10023/0089	09/27/76	20	8561	4847N	09608W	34.3	146.8	GGGG			32	26
2614-16275	00000/0000	2-10023/0090	09/27/76	10	8561	4722N	09645W	35.2	145.7	FGGG			32	27
2614-16282	00000/0000	2-10023/0091	09/27/76	10	8561	4557N	09720W	36.2	144.6	GGGG			32	28
2614-16284	00000/0000	2-10023/0092	09/27/76	20	8561	4432N	09753W	37.2	143.4	GGGG			32	29
2614-16291	00000/0000	2-10023/0093	09/27/76	40	8561	4306N	09825W	38.1	142.3	GGGG			32	30
2614-16293	00000/0000	2-10023/0094	09/27/76	80	8561	4141N	09856W	39.1	141.1	GGGG			32	31
2614-16300	00000/0000	2-10023/0095	09/27/76	60	8561	4014N	09926W	40.0	139.9	GGGG			32	32
2614-16302	00000/0000	2-10023/0096	09/27/76	90	8561	3849N	09955W	40.8	138.7	GGGG			32	33
2614-16305	00000/0000	2-10023/0097	09/27/76	100	8561	3724N	10023W	41.7	137.4	GGGG			32	34
2614-16311	00000/0000	2-10023/0098	09/27/76	100	8561	3559N	10050W	42.6	136.1	GGGG			32	35
2614-16314	00000/0000	2-10023/0099	09/27/76	90	8561	3433N	10117W	43.4	134.8	GGGG			32	36
2614-16320	00000/0000	2-10023/0100	09/27/76	90	8561	3307N	10144W	44.2	133.5	GGGG			32	37
2614-16323	00000/0000	2-10023/0101	09/27/76	50	8561	3141N	10209W	45.0	132.1	GGGG			32	38
2614-16325	00000/0000	2-10023/0102	09/27/76	10	8561	3015N	10235W	45.7	130.7	FGGG			32	39
2614-16332	00000/0000	2-10023/0103	09/27/76	10	8561	2849N	10300W	46.4	129.2	FGGG			32	40
2614-16334	00000/0000	2-10023/0104	09/27/76	10	8561	2722N	10324W	47.1	127.7	GGGG			32	41
2614-18104	00000/0000	2-10023/0105	09/27/76	10	8562	4847N	12158W	34.2	146.8	GGGG			50	26
2614-18111	00000/0000	2-10023/0106	09/27/76	30	8562	4722N	12234W	35.2	145.7	GGGG			50	27
2614-21301	00000/0000	2-10023/0139	09/27/76	80	8564	7201N	15305W	15.9	171.5	GGGF			86	9
2614-21303	00000/0000	2-10023/0140	09/27/76	90	8564	7045N	15525W	17.0	169.1	GGGG			86	10
2614-21310	00000/0000	2-10023/0141	09/27/76	90	8564	6928N	15728W	18.1	167.0	GGFG			86	11
2614-21312	00000/0000	2-10023/0142	09/27/76	90	8564	6809N	15919W	19.2	165.1	GGGG			86	12
2614-21315	00000/0000	2-10023/0143	09/27/76	80	8564	6649N	16059W	20.3	163.3	GGGF			86	13
2614-21321	00000/0000	2-10023/0144	09/27/76	80	8564	6529N	16229W	21.5	161.7	GGGG			86	14
2614-21324	00000/0000	2-10023/0145	09/27/76	90	8564	6407N	16351W	22.6	160.2	GGGG			86	15
2614-21330	00000/0000	2-10023/0146	09/27/76	90	8564	6246N	16505W	23.7	158.7	GGFG			86	16
2614-21333	00000/0000	2-10023/0147	09/27/76	80	8564	6124N	16612W	24.7	157.4	GGGG			86	17
2614-21335	00000/0000	2-10023/0148	09/27/76	50	8564	6001N	16714W	25.8	156.1	GGGG			86	18
2614-21342	00000/0000	2-10023/0149	09/27/76	40	8564	5838N	16812W	26.9	154.9	GGGG			86	19

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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0310

OBSERVATION ID	FILM RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2614-21344	00000/0000	2-10023/0150	09/27/76	40	8564	5714N	16907W	28.0	153.7	GGGG		86	20
2614-21351	00000/0000	2-10023/0151	09/27/76	40	8564	5550N	16958W	29.0	152.5	GGGG		86	21
2614-21353	00000/0000	2-10023/0152	09/27/76	50	8564	5427N	17046W	30.1	151.4	GGGG		86	22
2614-21360	00000/0000	2-10023/0153	09/27/76	90	8564	5303N	17131W	31.1	150.3	GGGG		86	23
2614-21362	00000/0000	2-10023/0154	09/27/76	90	8564	5139N	17214W	32.1	149.1	GGGG		86	24
2615-14502	00000/0000	2-10023/0122	09/28/76	60	8574	4723N	07220W	34.9	146.0	GGG		15	27
2615-14504	00000/0000	2-10023/0123	09/28/76	60	8574	4558N	07255W	35.9	144.9	GGGG		15	28
2615-14511	00000/0000	2-10023/0124	09/28/76	80	8574	4433N	07329W	36.9	143.7	GGGG		15	29
2615-14513	00000/0000	2-10023/0125	09/28/76	70	8574	4307N	07402W	37.8	142.6	GGGG		15	30
2615-14520	00000/0000	2-10023/0126	09/28/76	70	8574	4142N	07434W	38.8	141.4	GGGG		15	31
2615-14522	00000/0000	2-10023/0127	09/28/76	10	8574	4016N	07504W	39.7	140.2	GGGG		15	32
2615-14525	00000/0000	2-10023/0128	09/28/76	10	8574	3850N	07533W	40.6	139.0	GGGG		15	33
2615-14531	00000/0000	2-10023/0129	09/28/76	60	8574	3725N	07601W	41.4	137.8	GGGG		15	34
2615-14534	00000/0000	2-10023/0130	09/28/76	70	8574	3559N	07628W	42.3	136.5	GGGG		15	35
2615-14540	00000/0000	2-10023/0131	09/28/76	80	8574	3433N	07655W	43.1	135.2	GGGG		15	36
2615-14543	00000/0000	2-10023/0132	09/28/76	70	8574	3307N	07721W	43.9	133.9	GGGG		15	37
2615-14545	00000/0000	2-10023/0133	09/28/76	60	8574	3141N	07747W	44.7	132.5	GGGG		15	38
2615-14552	00000/0000	2-10023/0134	09/28/76	10	8574	3015N	07812W	45.5	131.1	GGGG		15	39
2615-14554	00000/0000	2-10023/0135	09/28/76	20	8574	2849N	07836W	46.2	129.6	GGGG		15	40
2615-14561	00000/0000	2-10023/0136	09/28/76	10	8574	2723N	07900W	46.9	128.2	GGGG		15	41
2615-14563	00000/0000	2-10023/0137	09/28/76	10	8574	2567N	07923W	47.6	126.6	GGGG		15	42
2615-14570	00000/0000	2-10023/0138	09/28/76	10	8574	2431N	07945W	48.2	125.1	GGGG		15	43
2615-16331	00000/0000	2-10023/0071	09/28/76	20	8575	4847N	09734W	33.9	147.1	GGGG		33	26
2615-16333	00000/0000	2-10023/0072	09/28/76	10	8575	4722N	09811W	34.9	146.0	GGGG		33	27
2615-16340	00000/0000	2-10023/0073	09/28/76	10	8575	4567N	09846W	35.9	144.9	GGGG		33	28
2615-16342	00000/0000	2-10023/0074	09/28/76	0	8575	4432N	09920W	36.8	143.7	GGGG		33	29
2615-16345	00000/0000	2-10023/0075	09/28/76	0	8575	4307N	09952W	37.8	142.6	GGGG		33	30
2615-16351	00000/0000	2-10023/0076	09/28/76	10	8575	4141N	10023W	38.7	141.4	GGGG		33	31
2615-16354	00000/0000	2-10023/0077	09/28/76	10	8575	4016N	10054W	39.6	140.3	GGGG		33	32
2615-16360	00000/0000	2-10023/0078	09/28/76	20	8575	3851N	10123W	40.5	139.0	GGGG		33	33
2615-16363	00000/0000	2-10023/0079	09/28/76	40	8575	3725N	10151W	41.4	137.8	GGGG		33	34
2615-16365	00000/0000	2-10023/0080	09/28/76	40	8575	3559N	10219W	42.3	136.5	GGGG		33	35
2615-16372	00000/0000	2-10023/0081	09/28/76	50	8575	3433N	10245W	43.1	135.2	GGGG		33	36
2615-16374	00000/0000	2-10023/0082	09/28/76	90	8575	3308N	10311W	43.9	133.9	GGGG		33	37
2615-16381	00000/0000	2-10023/0083	09/28/76	100	8575	3142N	10336W	44.7	132.5	GGGG		33	38
2615-16383	00000/0000	2-10023/0084	09/28/76	50	8575	3016N	10401W	45.5	131.1	GGGG		33	39

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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0311

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME ROW NUMBER
2615-16390	00000/0000	2-10023/0085	09/28/76	10	8575	2849N	10425W	46.2 129.7	GGGG			33	40
2615-16392	00000/0000	2-10023/0086	09/28/76	30	8575	2723N	10449W	46.9 128.2	GGGG			33	41
2615-18163	00000/0000	2-10023/0087	09/28/76	30	8576	4847N	12323W	33.9 147.1	GGGG			51	26
2615-18165	00000/0000	2-10023/0088	09/28/76	40	8576	4722N	12359W	34.9 146.0	GGGG			51	27
2615-21355	00000/0000	2-10023/0281	09/28/76	90	8578	7159N	15438W	15.5 171.5	PGGG			87	9
2615-21362	00000/0000	2-10023/0282	09/28/76	90	8578	7043N	15657W	16.6 169.1	GGGG			87	10
2615-21364	00000/0000	2-10023/0283	09/28/76	90	8578	6925N	15900W	17.8 167.0	PGGG			87	11
2615-21371	00000/0000	2-10023/0284	09/28/76	70	8578	6806N	16049W	18.9 165.1	FFGG			87	12
2615-21373	00000/0000	2-10023/0280	09/28/76	70	8578	6647N	16228W	20.0 163.4	G			87	13
2615-21380	00000/0000	2-10023/0285	09/28/76	70	8578	6526N	16356W	21.1 161.8	GGGG			87	14
2615-21382	00000/0000	2-10023/0286	09/28/76	70	8578	6405N	16517W	22.2 160.3	GGG			87	15
2615-21385	00000/0000	2-10023/0287	09/28/76	90	8578	6243N	16630W	23.3 158.8	GGGG			87	16
2615-21391	00000/0000	2-10023/0288	09/28/76	90	8578	6121N	16738W	24.4 157.5	GGGG			87	17
2615-21394	00000/0000	2-10023/0289	09/28/76	90	8578	5958N	16840W	25.5 156.2	FFGG			87	18
2615-21400	00000/0000	2-10023/0290	09/28/76	90	8578	5835N	16939W	26.6 155.0	GGGG			87	19
2615-21403	00000/0000	2-10023/0291	09/28/76	90	8578	5712N	17033W	27.6 153.8	GGGG			87	20
2615-21405	00000/0000	2-10023/0292	09/28/76	80	8578	5549N	17124W	28.7 152.7	FFGG			87	21
2615-21412	00000/0000	2-10023/0293	09/28/76	30	8578	5425N	17212W	29.8 151.6	FFGG			87	22
2615-21414	00000/0000	2-10023/0294	09/28/76	20	8578	5300N	17257W	30.8 150.4	FFGG			87	23
2615-21421	00000/0000	2-10023/0295	09/28/76	80	8578	5136N	17340W	31.8 149.3	GGGG			87	24
2616-14560	00000/0000	2-10023/0202	09/29/76	100	8588	4723N	07349W	34.6 146.2	FFGG			16	27
2616-14563	00000/0000	2-10023/0203	09/29/76	60	8588	4559N	07423W	35.6 145.1	FFGG			16	28
2616-14565	00000/0000	2-10023/0204	09/29/76	30	8588	4434N	07456W	36.5 144.0	FFGG			16	29
2616-14572	00000/0000	2-10023/0205	09/29/76	20	8588	4309N	07528W	37.5 142.9	GGFG			16	30
2616-14574	00000/0000	2-10023/0206	09/29/76	30	8588	4143N	07559W	38.4 141.7	FFGG			16	31
2616-14581	00000/0000	2-10023/0207	09/29/76	30	8588	4018N	07629W	39.4 140.6	FFGG			16	32
2616-14583	00000/0000	2-10023/0208	09/29/76	90	8588	3852N	07658W	40.3 139.4	GGGG			16	33
2616-14590	00000/0000	2-10023/0209	09/29/76	90	8588	3726N	07726W	41.1 138.2	GGGG			16	34
2616-14592	00000/0000	2-10023/0210	09/29/76	90	8588	3601N	07754W	42.0 136.9	FFGG			16	35
2616-14595	00000/0000	2-10023/0211	09/29/76	90	8588	3435N	07820W	42.8 135.6	GGGG			16	36
2616-15001	00000/0000	2-10023/0212	09/29/76	100	8588	3309N	07846W	43.7 134.3	GGGG			16	37
2616-15004	00000/0000	2-10023/0213	09/29/76	70	8588	3143N	07911W	44.5 132.9	GGGG			16	38
2616-15010	00000/0000	2-10023/0214	09/29/76	50	8588	3017N	07936W	45.2 131.6	GGGG			16	39
2616-15013	00000/0000	2-10023/0215	09/29/76	30	8588	2850N	08000W	46.0 130.1	GGGG			16	40
2616-15015	00000/0000	2-10023/0216	09/29/76	30	8588	2724N	08024W	46.7 128.7	FFGG			16	41
2616-15022	00000/0000	2-10023/0217	09/29/76	30	8588	2558N	08048W	47.4 127.1	FFGG			16	42

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0312

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2616-15024	00000/0000	2-10023/0218	09/29/76	30	8588	2432N	08111W	48.0	125.6	GGGG		16	43
2616-16385	00000/0000	2-10023/0170	09/29/76	0	8589	4849N	09900W	33.6	147.4	GGGG		34	26
2616-16392	00000/0000	2-10023/0171	09/29/76	0	8589	4724N	09936W	34.6	146.3	GGGG		34	27
2616-16394	00000/0000	2-10023/0172	09/29/76	0	8589	4559N	10012W	35.5	145.2	GGGG		34	28
2616-16401	00000/0000	2-10023/0173	09/29/76	0	8589	4434N	10046W	36.5	144.0	GGGG		34	29
2616-16403	00000/0000	2-10023/0174	09/29/76	0	8589	4308N	10118W	37.5	142.9	GGGG		34	30
2616-16410	00000/0000	2-10023/0175	09/29/76	0	8589	4143N	10149W	38.4	141.8	GGGG		34	31
2616-16412	00000/0000	2-10023/0176	09/29/76	0	8589	4017N	10218W	39.3	140.6	GGGG		34	32
2616-16415	00000/0000	2-10023/0177	09/29/76	0	8589	3851N	10247W	40.2	139.4	GGGG		34	33
2616-16421	00000/0000	2-10023/0178	09/29/76	0	8589	3725N	10315W	41.1	138.2	GGGG		34	34
2616-16424	00000/0000	2-10023/0179	09/29/76	0	8589	3600N	10342W	42.0	136.9	GGGG		34	35
2616-16430	00000/0000	2-10023/0180	09/29/76	10	8589	3434N	10409W	42.8	135.6	GGGG		34	36
2616-16433	00000/0000	2-10023/0181	09/29/76	10	8589	3309N	10435W	43.6	134.3	GGGG		34	37
2616-16435	00000/0000	2-10023/0182	09/29/76	20	8589	3143N	10500W	44.4	133.0	GGGG		34	38
2616-16442	00000/0000	2-10023/0183	09/29/76	40	8589	3017N	10524W	45.2	131.6	GGGG		34	39
2616-16444	00000/0000	2-10023/0184	09/29/76	60	8589	2851N	10548W	45.9	130.2	GGGG		34	40
2616-18221	00000/0000	2-10023/0185	09/29/76	50	8590	4848N	12448W	33.5	147.4	GGGG		52	26
2616-21413	00000/0000	2-10023/0296	09/29/76	100	8592	7159N	15603W	15.1	171.6	GGGG		88	9
2616-21420	00000/0000	2-10023/0297	09/29/76	100	8592	7043N	15822W	16.2	169.3	GGGG		88	10
2616-21422	00000/0000	2-10023/0298	09/29/76	90	8592	6925N	16025W	17.4	167.2	GGGG		88	11
2616-21425	00000/0000	2-10023/0299	09/29/76	90	8592	6807N	16214W	18.5	165.3	GGGG		88	12
2616-21431	00000/0000	2-10023/0300	09/29/76	90	8592	6647N	16353W	19.6	163.5	GGGG		88	13
2616-21434	00000/0000	2-10023/0301	09/29/76	90	8592	6527N	16522W	20.7	161.9	GGGG		88	14
2616-21440	00000/0000	2-10023/0302	09/29/76	90	8592	6406N	16645W	21.8	160.4	GGGG		88	15
2616-21443	00000/0000	2-10023/0303	09/29/76	90	8592	6244N	16800W	22.9	159.0	GGGG		88	16
2616-21445	00000/0000	2-10023/0304	09/29/76	90	8592	6122N	16908W	24.0	157.7	GGGG		88	17
2616-21452	00000/0000	2-10023/0305	09/29/76	80	8592	6000N	17010W	25.1	156.4	GGGG		88	18
2616-21454	00000/0000	2-10023/0306	09/29/76	90	8592	5837N	17108W	26.2	155.2	GGGG		88	19
2616-21461	00000/0000	2-10023/0307	09/29/76	90	8592	5714N	17202W	27.3	154.0	GGGG		88	20
2616-21463	00000/0000	2-10023/0308	09/29/76	80	8592	5550N	17252W	28.3	152.9	GGGG		88	21
2616-21470	00000/0000	2-10023/0309	09/29/76	80	8592	5426N	17340W	29.4	151.8	GGGG		88	22
2616-21472	00000/0000	2-10023/0310	09/29/76	80	8592	5302N	17425W	30.4	150.7	GGGG		88	23
2616-21475	00000/0000	2-10023/0311	09/29/76	90	8592	5127N	17508W	31.5	149.6	GGGG		88	24
2617-15012	00000/0000	2-10023/0219	09/30/76	60	8602	4849N	07437W	33.2	147.6	GGGG		17	26
2617-15014	00000/0000	2-10023/0220	09/30/76	30	8602	4724N	07513W	34.2	146.5	GGGG		17	27
2617-15021	00000/0000	2-10023/0221	09/30/76	10	8602	4559N	07548W	35.2	145.4	GGGG		17	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0313

OBSERVATION ID	MICROFILM RELI NR./ POSITION IN RELI RBV	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINT LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SRBIT PATH NUMBER	FRAME RBV NUMBER
2617-15023	00000/0000	2-10023/0222	09/30/76	20	8602	4434N	07622W	36.2	144.3	GGGG		17	29
2617-15030	00000/0000	2-10023/0223	09/30/76	70	8602	4309N	07654W	37.2	143.2	GGGG		17	30
2617-15032	00000/0000	2-10023/0224	09/30/76	90	8602	4143N	07726W	38.1	142.1	GGGG		17	31
2617-15035	00000/0000	2-10023/0225	09/30/76	100	8602	4018N	07756W	39.0	140.9	GGGG		17	32
2617-15041	00000/0000	2-10023/0226	09/30/76	100	8602	3852N	07825W	40.0	139.7	GGGG		17	33
2617-15044	00000/0000	2-10023/0227	09/30/76	100	8602	3727N	07853W	40.8	138.5	GGGG		17	34
2617-15050	00000/0000	2-10023/0228	09/30/76	100	8602	3601N	07920W	41.7	137.3	GGGG		17	35
2617-15053	00000/0000	2-10023/0229	09/30/76	100	8602	3435N	07946W	42.6	136.0	GGGG		17	36
2617-15055	00000/0000	2-10023/0230	09/30/76	100	8602	3309N	08012W	43.4	134.7	GGGG		17	37
2617-15062	00000/0000	2-10023/0231	09/30/76	80	8602	3143N	08038W	44.2	133.4	GGGG		17	38
2617-15064	00000/0000	2-10023/0232	09/30/76	80	8602	3017N	08103W	45.0	132.0	GGGG		17	39
2617-15071	00000/0000	2-10023/0233	09/30/76	90	8602	2851N	08127W	45.7	130.6	GGGG		17	40
2617-15073	00000/0000	2-10023/0234	09/30/76	80	8602	2725N	08150W	46.4	129.1	GGGG		17	41
2617-15080	00000/0000	2-10023/0235	09/30/76	40	8602	2559N	08214W	47.1	127.6	GGGG		17	42
2617-15082	00000/0000	2-10023/0236	09/30/76	30	8602	2433N	08237W	47.8	126.1	GGGG		17	43
2617-16443	00000/0000	2-10023/0155	09/30/76	0	8603	4849N	10025W	33.2	147.6	GGGG		35	26
2617-16450	00000/0000	2-10023/0156	09/30/76	0	8603	4724N	10102W	34.2	146.5	GGGG		35	27
2617-16452	00000/0000	2-10023/0157	09/30/76	0	8603	4559N	10137W	35.2	145.4	GGGG		35	28
2617-16455	00000/0000	2-10023/0158	09/30/76	0	8603	4434N	10210W	36.2	144.3	GGGG		35	29
2617-16461	00000/0000	2-10023/0159	09/30/76	0	8603	4308N	10243W	37.1	143.2	GGGG		35	30
2617-16464	00000/0000	2-10023/0160	09/30/76	0	8603	4143N	10314W	38.1	142.1	GGGG		35	31
2617-16470	00000/0000	2-10023/0161	09/30/76	0	8603	4017N	10344W	39.0	140.9	GGGG		35	32
2617-16473	00000/0000	2-10023/0162	09/30/76	0	8603	3852N	10413W	39.9	139.8	GGGG		35	33
2617-16475	00000/0000	2-10023/0163	09/30/76	0	8603	3726N	10441W	40.8	138.5	GGGG		35	34
2617-16482	00000/0000	2-10023/0164	09/30/76	0	8603	3601N	10509W	41.7	137.3	GGGG		35	35
2617-16484	00000/0000	2-10023/0165	09/30/76	0	8603	3435N	10536W	42.6	136.0	GGGG		35	36
2617-16491	00000/0000	2-10023/0166	09/30/76	0	8603	3310N	10601W	43.4	134.7	GGGG		35	37
2617-16493	00000/0000	2-10023/0167	09/30/76	10	8603	3144N	10626W	44.2	133.4	GGGG		35	38
2617-16500	00000/0000	2-10023/0168	09/30/76	50	8603	3018N	10651W	45.0	132.0	GGGG		35	39
2617-16502	00000/0000	2-10023/0169	09/30/76	90	8603	2851N	10715W	45.7	130.6	GGGG		35	40
2617-20052	00000/0000	2-10023/0237	09/30/76	80	8605	6808N	13753W	18.1	165.4	GGGG		71	12
2617-20054	00000/0000	2-10023/0238	09/30/76	90	8605	6648N	13932W	19.3	163.6	GGGG		71	13
2617-20061	00000/0000	2-10023/0239	09/30/76	80	8605	6528N	14101W	20.4	162.0	GGGG		71	14
2617-20063	00000/0000	2-10023/0240	09/30/76	10	8605	6407N	14221W	21.5	160.6	GGGG		71	15
2617-20070	00000/0000	2-10023/0241	09/30/76	10	8605	6245N	14336W	22.6	159.2	GGGG		71	16
2617-20072	00000/0000	2-10023/0242	09/30/76	50	8605	6122N	14444W	23.7	157.8	GGGG		71	17

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
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PAGE 0314

FROM 01/22/76 TO 01/22/77

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2617-20075	00000/0000	2-10023/0243	09/30/76	60	8605	6000N	14546W	24.8	156.6	GGGG			71	18
2617-20081	00000/0000	2-10023/0244	09/30/76	80	8605	5837N	14645W	25.8	155.4	GGGG			71	19
2617-20084	00000/0000	2-10023/0245	09/30/76	50	8605	5714N	14739W	26.9	154.2	GGGG			71	20
2617-21472	00000/0000	2-10023/0246	09/30/76	40	8606	7159N	15731W	14.7	171.7	GGGG			89	9
2617-21474	00000/0000	2-10023/0247	09/30/76	90	8606	7043N	15949W	15.9	169.4	GGGG			89	10
2617-21481	00000/0000	2-10023/0248	09/30/76	90	8606	6926N	16152W	17.0	167.3	GGGG			89	11
2617-21483	00000/0000	2-10023/0249	09/30/76	50	8606	6807N	16342W	18.1	165.4	GGGG			89	12
2617-21490	00000/0000	2-10023/0250	09/30/76	50	8606	6647N	16521W	19.2	163.6	GGGG			89	13
2617-21492	00000/0000	2-10023/0251	09/30/76	40	8606	6527N	16649W	20.3	162.0	GGGG			89	14
2617-21495	00000/0000	2-10023/0252	09/30/76	90	8606	6406N	16810W	21.5	160.6	FGGG			89	15
2617-21501	00000/0000	2-10023/0253	09/30/76	70	8606	6244N	16923W	22.6	159.2	GGGG			89	16
2617-21504	00000/0000	2-10023/0254	09/30/76	90	8606	6121N	17031W	23.7	157.8	GGGG			89	17
2617-21510	00000/0000	2-10023/0255	09/30/76	70	8606	5959N	17135W	24.7	156.6	GGGG			89	18
2617-21513	00000/0000	2-10023/0256	09/30/76	80	8606	5836N	17233W	25.8	155.4	GGGG			89	19
2617-21515	00000/0000	2-10023/0257	09/30/76	80	8606	5713N	17328W	26.9	154.2	GGGG			89	20
2617-21522	00000/0000	2-10023/0258	09/30/76	90	8606	5549N	17418W	28.0	153.1	GGGG			89	21
2617-21524	00000/0000	2-10023/0259	09/30/76	90	8606	5426N	17506W	29.0	152.0	GGGG			89	22
2617-21531	00000/0000	2-10023/0260	09/30/76	90	8606	5302N	17551W	30.1	150.9	GGGG			89	23
2617-21533	00000/0000	2-10023/0261	09/30/76	90	8606	5137N	17633W	31.1	149.8	GGGG			89	24
2618-15070	00000/0000	2-10023/0262	10/01/76	80	8616	4846N	07605W	32.2	147.8	FGGG			18	26
2618-15073	00000/0000	2-10023/0263	10/01/76	20	8616	4722N	07641W	33.9	146.7	FGGG			18	27
2618-15075	00000/0000	2-10023/0264	10/01/76	0	8616	4557N	07717W	34.9	145.7	FGGG			18	28
2618-15082	00000/0000	2-10023/0265	10/01/76	10	8616	4432N	07750W	35.9	144.6	FGGG			18	29
2618-15084	00000/0000	2-10023/0266	10/01/76	40	8616	4306N	07823W	36.9	143.5	FGGG			18	30
2618-15091	00000/0000	2-10023/0267	10/01/76	80	8616	4140N	07853W	37.8	142.3	FGGG			18	31
2618-15093	00000/0000	2-10023/0268	10/01/76	90	8616	4015N	07923W	38.8	141.2	FGGG			18	32
2618-15100	00000/0000	2-10023/0269	10/01/76	90	8616	3849N	07952W	39.7	140.0	FGGG			18	33
2618-15102	00000/0000	2-10023/0270	10/01/76	90	8616	3724N	08020W	40.6	138.8	FGGG			18	34
2618-15105	00000/0000	2-10023/0271	10/01/76	80	8616	3558N	08047W	41.5	137.6	FGGG			18	35
2618-15111	00000/0000	2-10023/0272	10/01/76	60	8616	3432N	08113W	42.3	136.4	FGGG			18	36
2618-15114	00000/0000	2-10023/0273	10/01/76	10	8616	3306N	08139W	43.1	135.1	FGGG			18	37
2618-15120	00000/0000	2-10023/0274	10/01/76	10	8616	3141N	08205W	44.0	133.7	GGGG			18	38
2618-15123	00000/0000	2-10023/0275	10/01/76	10	8616	3015N	08229W	44.7	132.4	GGGG			18	39
2618-15125	00000/0000	2-10023/0279	10/01/76	10	8616	2848N	08254W	45.5	131.0	GG		H	18	40
2618-15132	00000/0000	2-10023/0276	10/01/76	40	8616	2722N	08317W	46.2	129.5	GGGG		H	18	41
2618-15134	00000/0000	2-10023/0277	10/01/76	30	8616	2557N	08341W	46.9	128.1	GGGG		H	18	42

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANK)=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0315

OBSERVATION ID	MICROFILM RBV	ROLL NR./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRIN OF IMAGE LAT	PRIN LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2618-15141	00000/0000	2-10023/0278	10/01/76	80	8616	2431N	08404W	47.6	126.5	GGGG			18	43
2618-16502	00000/0000	2-10023/0312	10/01/76	10	8617	4847N	10152W	32.9	147.8	GGGG	H		36	26
2618-16504	00000/0000	2-10023/0313	10/01/76	0	8617	4721N	10229W	33.9	146.8	GGGG			36	27
2618-16511	00000/0000	2-10023/0314	10/01/76	0	8617	4556N	10304W	34.9	145.7	GGGG			36	28
2618-16513	00000/0000	2-10023/0315	10/01/76	0	8617	4431N	10337W	35.9	144.6	GGGG			36	29
2618-16520	00000/0000	2-10023/0316	10/01/76	0	8617	4306N	10409W	36.9	143.5	GGGG			36	30
2618-16522	00000/0000	2-10023/0317	10/01/76	0	8617	4141N	10441W	37.8	142.4	GGGG			36	31
2618-16525	00000/0000	2-10023/0318	10/01/76	0	8617	4015N	10511W	38.7	141.2	GGGG			36	32
2618-16531	00000/0000	2-10023/0319	10/01/76	10	8617	3849N	10540W	39.7	140.0	GGGG			36	33
2618-16534	00000/0000	2-10023/0320	10/01/76	70	8617	3724N	10608W	40.6	138.9	GGGG			36	34
2618-16540	00000/0000	2-10023/0321	10/01/76	80	8617	3558N	10636W	41.4	137.6	GGGG			36	35
2618-16543	00000/0000	2-10023/0322	10/01/76	60	8617	3433N	10702W	42.3	136.4	GGGG			36	36
2618-16545	00000/0000	2-10023/0323	10/01/76	70	8617	3306N	10728W	43.1	135.1	GGGG			36	37
2618-16552	00000/0000	2-10023/0324	10/01/76	90	8617	3141N	10753W	43.9	133.8	GGGG			36	38
2618-16554	00000/0000	2-10023/0325	10/01/76	100	8617	3015N	10817W	44.7	132.4	GGGG			36	39
2618-20103	00000/0000	2-10023/0371	10/01/76	90	8619	6927N	13730W	16.6	167.4	GGGG			72	11
2618-20110	00000/0000	2-10023/0372	10/01/76	90	8619	6808N	13919W	17.7	165.5	GGGG			72	12
2618-20112	00000/0000	2-10023/0373	10/01/76	90	8619	6649N	14058W	18.9	163.8	GGGG			72	13
2618-20115	00000/0000	2-10023/0374	10/01/76	90	8619	6528N	14228W	20.0	162.2	GGGG			72	14
2618-20121	00000/0000	2-10023/0375	10/01/76	40	8619	6407N	14349W	21.1	160.7	GGGG			72	15
2618-20124	00000/0000	2-10023/0376	10/01/76	10	8619	6245N	14503W	22.2	159.3	GGGG			72	16
2618-20130	00000/0000	2-10023/0377	10/01/76	0	8619	6123N	14611W	23.3	158.0	GGGG			72	17
2618-20133	00000/0000	2-10023/0378	10/01/76	10	8619	6001N	14713W	24.4	156.8	GGGG			72	18
2618-20135	00000/0000	2-10023/0379	10/01/76	10	8619	5838N	14811W	25.5	155.6	GGGG			72	19
2618-20142	00000/0000	2-10023/0380	10/01/76	40	8619	5715N	14905W	26.6	154.4	GGGG			72	20
2618-21530	00000/0000	2-10023/0381	10/01/76	40	8620	7200N	15855W	14.3	171.8	GGGG			90	9
2618-21532	00000/0000	2-10023/0382	10/01/76	90	8620	7044N	16114W	15.5	169.5	GGGG			90	10
2618-21535	00000/0000	2-10023/0383	10/01/76	70	8620	6927N	16317W	16.6	167.4	GGGG			90	11
2618-21541	00000/0000	2-10023/0384	10/01/76	60	8620	6808N	16507W	17.7	165.5	GGGG			90	12
2618-21544	00000/0000	2-10023/0385	10/01/76	70	8620	6648N	16646W	18.8	163.8	GGGG			90	13
2618-21550	00000/0000	2-10023/0386	10/01/76	80	8620	6528N	16815W	20.0	162.2	GGGG			90	14
2618-21555	00000/0000	2-10023/0387	10/01/76	60	8620	6407N	17049W	22.2	159.3	GGGG			90	15
2618-21562	00000/0000	2-10023/0388	10/01/76	80	8620	6245N	17156W	23.3	158.0	GGGG			90	16
2618-21564	00000/0000	2-10023/0389	10/01/76	90	8620	6000N	17258W	24.4	156.8	GGGG			90	17
2618-21571	00000/0000	2-10023/0390	10/01/76	100	8620	5837N	17356W	25.5	155.6	GGGG			90	18
2618-21573	00000/0000	2-10023/0391	10/01/76	80	8620	5714N	17451W	26.6	154.4	GGGG			90	19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0314

OBSERVATION ID	MICROFILM REEL NR. POSITION IN REEL RBV	MSS	DATE ACQUIRED	CLSUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2618-21580	00000/0000	2-10023/0392	10/01/76	80	8620	5550N	17541W	27.6	153.3	GGGG			90	21
2618-21582	00000/0000	2-10023/0393	10/01/76	90	8620	5427N	17629W	28.7	152.2	GGGG			90	22
2618-21585	00000/0000	2-10023/0394	10/01/76	90	8620	5302N	17714W	29.7	151.1	GGGG			90	23
2618-21591	00000/0000	2-10023/0395	10/01/76	100	8620	5138N	17757W	30.8	150.0	GGGG			90	24
2619-15124	00000/0000	2-10023/0186	10/02/76	20	8630	4847N	07729W	32.6	148.1	GGGG			19	26
2619-15131	00000/0000	2-10023/0187	10/02/76	30	8630	4722N	07806W	33.6	147.0	GGGG			19	27
2619-15133	00000/0000	2-10023/0188	10/02/76	10	8630	4557N	07842W	34.6	145.9	GGGG			19	28
2619-15140	00000/0000	2-10023/0189	10/02/76	10	8630	4432N	07915W	35.6	144.8	GGGG			19	29
2619-15142	00000/0000	2-10023/0190	10/02/76	40	8630	4306N	07948W	36.6	143.8	GGGG			19	30
2619-15145	00000/0000	2-10023/0191	10/02/76	60	8630	4141N	08019W	37.5	142.6	GGGG			19	31
2619-15151	00000/0000	2-10023/0192	10/02/76	80	8630	4015N	08049W	38.5	141.5	GGGG			19	32
2619-15154	00000/0000	2-10023/0193	10/02/76	90	8630	3850N	08118W	39.4	140.4	GGGG			19	33
2619-15160	00000/0000	2-10023/0194	10/02/76	90	8630	3724N	08146W	40.3	139.2	GGGG			19	34
2619-15163	00000/0000	2-10023/0195	10/02/76	70	8630	3558N	08214W	41.2	138.0	GGGG			19	35
2619-15165	00000/0000	2-10023/0196	10/02/76	10	8630	3432N	08240W	42.0	136.7	GGGG			19	36
2619-15172	00000/0000	2-10023/0197	10/02/76	10	8630	3306N	08306W	42.9	135.5	GGGG			19	37
2619-15174	00000/0000	2-10023/0198	10/02/76	0	8630	3140N	08332W	43.7	134.2	GGGG			19	38
2619-15181	00000/0000	2-10023/0199	10/02/76	0	8630	3014N	08357W	44.5	132.8	GGGG			19	39
2619-15183	00000/0000	2-10023/0200	10/02/76	10	8630	2848N	08421W	45.3	131.4	GGGG			19	40
2619-15190	00000/0000	2-10023/0201	10/02/76	30	8630	2722N	08444W	46.0	130.0	GGGG			19	41
2619-16560	00000/0000	2-10023/0342	10/02/76	80	8631	4846N	10317W	32.6	148.1	GGGG			37	26
2619-16562	00000/0000	2-10023/0343	10/02/76	60	8631	4721N	10354W	33.6	147.0	GGGG			37	27
2619-16565	00000/0000	2-10023/0344	10/02/76	60	8631	4557N	10429W	34.6	145.9	GGGG			37	28
2619-16571	00000/0000	2-10023/0345	10/02/76	60	8631	4431N	10503W	35.6	144.8	GGGG			37	29
2619-16574	00000/0000	2-10023/0346	10/02/76	70	8631	4306N	10536W	36.6	143.8	GGGG			37	30
2619-16580	00000/0000	2-10023/0347	10/02/76	80	8631	4141N	10606W	37.5	142.6	GGGG			37	31
2619-16583	00000/0000	2-10023/0348	10/02/76	80	8631	4015N	10636W	38.5	141.5	GGGG			37	32
2619-16585	00000/0000	2-10023/0349	10/02/76	80	8631	3850N	10706W	39.4	140.4	GGGG			37	33
2619-16592	00000/0000	2-10023/0350	10/02/76	90	8631	3724N	10734W	40.3	139.2	GGGG			37	34
2619-16594	00000/0000	2-10023/0351	10/02/76	70	8631	3558N	10801W	41.2	138.0	GGGG			37	35
2619-17001	00000/0000	2-10023/0352	10/02/76	60	8631	3433N	10828W	42.0	136.7	GGGG			37	36
2619-17003	00000/0000	2-10023/0353	10/02/76	60	8631	3308N	10854W	42.9	135.5	GGGG			37	37
2619-17010	00000/0000	2-10023/0354	10/02/76	60	8631	3142N	10920W	43.7	134.2	GGGG			37	38
2619-17012	00000/0000	2-10023/0355	10/02/76	80	8631	3016N	10944W	44.5	132.8	GGGG			37	39
2619-20162	00000/0000	2-10023/0412	10/02/76	30	8633	6944N	13856W	16.3	167.4	GGGG			73	11
2619-20164	00000/0000	2-10023/0413	10/02/76	70	8633	6805N	14046W	17.4	165.5	GGGG			73	12

KEYS: CLSUD COVER % ..... 0 TO 100 = % CLSUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0317

OBSERVATION ID	MICROFILM POSITION RBV	RAIL NR./ IN ROLL MSS	DATE ACQUIRED	CLCUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2619-20171	00000/0000	2-10023/0414	10/02/76	20	8633	6646N	14224W	18.5	163.8	GGGG			73	13
2619-20173	00000/0000	2-10023/0415	10/02/76	80	8633	6525N	14353W	19.6	162.8	GGGG			73	14
2619-20180	00000/0000	2-10023/0416	10/02/76	40	8633	6403N	14514W	20.8	160.8	GGGG			73	15
2619-20182	00000/0000	2-10023/0417	10/02/76	0	8633	6242N	14627W	21.9	159.4	GGGG			73	16
2619-20185	00000/0000	2-10023/0418	10/02/76	0	8633	6120N	14735W	23.0	158.1	GGGG			73	17
2619-20191	00000/0000	2-10023/0419	10/02/76	20	8633	5957N	14838W	24.1	156.9	GGGG			73	18
2619-20194	00000/0000	2-10023/0420	10/02/76	90	8633	5835N	14936W	25.2	155.7	GGGG			73	19
2619-20200	00000/0000	2-10023/0421	10/02/76	100	8633	5711N	15030W	26.2	154.5	GGGG			73	20
2619-21584	00000/0000	2-10023/0422	10/02/76	90	8634	7156N	16026W	14.0	171.8	GGG			91	9
2619-21591	00000/0000	2-10023/0423	10/02/76	70	8634	7040N	16245W	15.1	169.5	GFF			91	10
2619-21593	00000/0000	2-10023/0424	10/02/76	80	8634	6923N	16447W	16.3	167.4	GGG			91	11
2619-22000	00000/0000	2-10023/0425	10/02/76	100	8634	6804N	16637W	17.4	165.5	GGG			91	12
2619-22002	00000/0000	2-10023/0426	10/02/76	90	8634	6645N	16815W	18.5	163.8	GGGG			91	13
2619-22005	00000/0000	2-10023/0427	10/02/76	40	8634	6524N	16943W	19.6	162.2	GGGG			91	14
2619-22011	00000/0000	2-10023/0428	10/02/76	70	8634	6403N	17104W	20.7	160.8	GGG			91	15
2619-22050	00000/0000	2-10023/0429	10/02/76	90	8634	5134N	17926W	30.5	150.2	GGGG			91	24
2620-15183	00000/0000	2-10023/0396	10/03/76	10	8644	4843N	07858W	32.3	148.3	GG G			20	26
2620-15185	00000/0000	2-10023/0397	10/03/76	0	8644	4719N	07934W	33.3	147.2	FG G			20	27
2620-15192	00000/0000	2-10023/0398	10/03/76	0	8644	4554N	08009W	34.3	146.2	GGGG			20	28
2620-15194	00000/0000	2-10023/0399	10/03/76	0	8644	4429N	08043W	35.3	145.1	GGG			20	29
2620-15201	00000/0000	2-10023/0400	10/03/76	10	8644	4303N	08115W	36.3	144.0	GGGG			20	30
2620-15203	00000/0000	2-10023/0401	10/03/76	30	8644	4137N	08145W	37.2	142.9	FGGG			20	31
2620-15210	00000/0000	2-10023/0402	10/03/76	30	8644	4011N	08215W	38.2	141.8	GGGG			20	32
2620-15212	00000/0000	2-10023/0403	10/03/76	40	8644	3846N	08243W	39.1	140.7	GGGG			20	33
2620-15215	00000/0000	2-10023/0404	10/03/76	50	8644	3721N	08311W	40.0	139.5	GGGG			20	34
2620-15221	00000/0000	2-10023/0405	10/03/76	30	8644	3555N	08339W	40.9	138.3	GGG			20	35
2620-15224	00000/0000	2-10023/0406	10/03/76	10	8644	3430N	08405W	41.8	137.1	GGGG			20	36
2620-15230	00000/0000	2-10023/0407	10/03/76	10	8644	3304N	08431W	42.6	135.8	GGGG			20	37
2620-15233	00000/0000	2-10023/0408	10/03/76	10	8644	3138N	08457W	43.4	134.5	GGGG			20	38
2620-15235	00000/0000	2-10023/0409	10/03/76	20	8644	3012N	08522W	44.3	133.2	GGGG			20	39
2620-15242	00000/0000	2-10023/0410	10/03/76	20	8644	2845N	08546W	45.0	131.8	FGGG			20	40
2620-15244	00000/0000	2-10023/0411	10/03/76	30	8644	2719N	08610W	45.8	130.4	GGGG			20	41
2620-17012	00000/0000	2-10023/0356	10/03/76	90	8645	5008N	10407W	31.2	149.3	GGGG			38	25
2620-17014	00000/0000	2-10023/0357	10/03/76	90	8645	4844N	10446W	32.3	148.3	GGGG			38	26
2620-17021	00000/0000	2-10023/0358	10/03/76	90	8645	4719N	10522W	33.3	147.2	GGGG			38	27
2620-17023	00000/0000	2-10023/0359	10/03/76	100	8645	4554N	10557W	34.3	146.2	GGGG			38	28

KEYS: CLCUD COVER % ..... 0 TO 100 = % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US

PAGE 0318

FROM 01/22/76 TO 01/22/77

OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2620-17030	00000/0000 2-10023/0360	10/03/76	100	8645	4428N	10630W	35.3	145.1	GGGF			38	29
2620-17032	00000/0000 2-10023/0361	10/03/76	100	8645	4303N	10702W	36.2	144.0	GGGF			38	30
2620-17035	00000/0000 2-10023/0362	10/03/76	90	8645	4138N	10734W	37.2	142.9	GGGG			38	31
2620-17041	00000/0000 2-10023/0363	10/03/76	90	8645	4013N	10804W	38.2	141.8	GGGG			38	32
2620-17044	00000/0000 2-10023/0364	10/03/76	60	8645	3847N	10833W	39.1	140.7	GGGG			38	33
2620-17050	00000/0000 2-10023/0365	10/03/76	60	8645	3722N	10901W	40.0	139.5	GGGG			38	34
2620-17053	00000/0000 2-10023/0366	10/03/76	70	8645	3556N	10928W	40.9	138.3	GGGG			38	35
2620-17055	00000/0000 2-10023/0367	10/03/76	50	8645	3430N	10955W	41.8	137.1	GGGG			38	36
2620-17062	00000/0000 2-10023/0368	10/03/76	20	8645	3305N	11021W	42.6	135.8	GGGG			38	37
2620-17064	00000/0000 2-10023/0369	10/03/76	10	8645	3139N	11045W	43.4	134.6	GGGG			38	38
2620-17071	00000/0000 2-10023/0370	10/03/76	10	8645	3013N	11110W	44.2	133.2	GGGG			38	39
2620-20220	00000/0000 2-10023/0500	10/03/76	10	8647	6924N	14026W	15.9	167.5	GGGG			74	11
2620-20222	00000/0000 2-10023/0501	10/03/76	40	8647	6806N	14215W	17.0	165.7	GGGG			74	12
2620-20225	00000/0000 2-10023/0502	10/03/76	10	8647	6646N	14352W	18.1	164.0	GGGG			74	13
2620-20231	00000/0000 2-10023/0503	10/03/76	30	8647	6525N	14520W	19.3	162.4	GGGG			74	14
2620-20234	00000/0000 2-10023/0504	10/03/76	60	8647	6404N	14641W	20.4	160.9	GGGG			74	15
2620-20240	00000/0000 2-10023/0505	10/03/76	90	8647	6242N	14755W	21.5	159.6	GGGG			74	16
2620-20243	00000/0000 2-10023/0506	10/03/76	90	8647	6120N	14903W	22.6	158.3	GGGG			74	17
2620-20245	00000/0000 2-10023/0507	10/03/76	80	8647	5957N	15005W	23.7	157.0	GGGG			74	18
2620-20252	00000/0000 2-10023/0508	10/03/76	50	8647	5834N	15103W	24.8	155.9	GGGG			74	19
2620-20254	00000/0000 2-10023/0509	10/03/76	40	8647	5711N	15157W	25.9	154.7	GGGG			74	20
2620-20261	00000/0000 2-10023/0510	10/03/76	60	8647	5548N	15248W	26.9	153.6	GGGG			74	21
2620-22045	00000/0000 2-10023/0511	10/03/76	90	8648	7041N	16411W	14.7	169.6	GGGG			92	10
2620-22051	00000/0000 2-10023/0512	10/03/76	90	8648	6923N	16614W	15.9	167.5	GGGG			92	11
2620-22054	00000/0000 2-10023/0513	10/03/76	90	8648	6805N	16803W	17.0	165.7	GGGG			92	12
2620-22060	00000/0000 2-10023/0514	10/03/76	100	8648	6646N	16941W	18.1	164.0	GGGG			92	13
2620-22063	00000/0000 2-10023/0515	10/03/76	90	8648	6525N	17110W	19.2	162.4	GGGG			92	14
2621-15241	00000/0000 2-10023/0326	10/04/76	40	8658	4844N	08021W	31.9	148.5	GGGG			21	26
2621-15243	00000/0000 2-10023/0327	10/04/76	30	8658	4720N	08058W	33.0	147.5	GGGG			21	27
2621-15250	00000/0000 2-10023/0328	10/04/76	20	8658	4555N	08133W	34.0	146.4	GGGG			21	28
2621-15252	00000/0000 2-10023/0329	10/04/76	20	8658	4429N	08207W	35.0	145.4	GGGG			21	29
2621-15255	00000/0000 2-10023/0330	10/04/76	20	8658	4304N	08239W	35.9	144.3	GGGG			21	30
2621-15261	00000/0000 2-10023/0331	10/04/76	10	8658	4139N	08310W	36.9	143.2	GGGG			21	31
2621-15264	00000/0000 2-10023/0332	10/04/76	0	8658	4013N	08340W	37.9	142.1	GGGG			21	32
2621-15270	00000/0000 2-10023/0333	10/04/76	10	8658	3847N	08409W	38.8	141.0	GGGG			21	33
2621-15273	00000/0000 2-10023/0334	10/04/76	10	8658	3722N	08437W	39.7	139.8	GGGG			21	34

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS) = BLANKS, G = GOOD, P = POOR, F = FAIR.  
 MSS DATA MODE ..... (BLANK) = COMPRESSED, L = LINEAR  
 MSS IMAGE GAIN ..... (BLANK) = LOW GAIN, H = HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0319

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LANG	SUN FLYV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2621-15275	00000/0000	2-10023/0335	10/04/76	0	8658	3557N	08504W	40.6	138.7	GGGG		21	35
2621-15282	00000/0000	2-10023/0336	10/04/76	10	8658	3432N	08531W	41.5	137.4	FGGG		21	36
2621-15284	00000/0000	2-10023/0337	10/04/76	10	8658	3306N	08556W	42.3	136.2	FGGG		21	37
2621-15291	00000/0000	2-10023/0338	10/04/76	10	8658	3140N	08621W	43.2	134.9	GGGG		21	38
2621-15293	00000/0000	2-10023/0339	10/04/76	40	8658	3014N	08646W	44.0	133.6	GGGG		21	39
2621-15300	00000/0000	2-10023/0340	10/04/76	30	8658	2847N	08710W	44.8	132.3	FGGG		21	40
2621-15302	00000/0000	2-10023/0341	10/04/76	50	8658	2721N	08734W	45.5	130.9	FGGG		21	41
2621-17070	00000/0000	2-10023/0430	10/04/76	70	8659	5009N	10533W	30.9	149.5	FGGG		39	25
2621-17072	00000/0000	2-10023/0431	10/04/76	60	8659	4844N	10612W	31.9	148.5	GGGG		39	26
2621-17075	00000/0000	2-10023/0432	10/04/76	80	8659	4719N	10649W	32.9	147.5	GGGG		39	27
2621-17081	00000/0000	2-10023/0433	10/04/76	70	8659	4554N	10724W	33.9	146.4	GGGG		39	28
2621-17084	00000/0000	2-10023/0434	10/04/76	80	8659	4429N	10757W	34.9	145.4	FGGG		39	29
2621-17090	00000/0000	2-10023/0435	10/04/76	70	8659	4303N	10829W	35.9	144.3	GGGG		39	30
2621-17093	00000/0000	2-10023/0436	10/04/76	40	8659	4137N	10901W	36.9	143.2	FGGG		39	31
2621-17095	00000/0000	2-10023/0437	10/04/76	20	8659	4013N	10931W	37.8	142.1	FGGG		39	32
2621-17102	00000/0000	2-10023/0438	10/04/76	10	8659	3847N	11000W	38.8	141.0	GGGF		39	33
2621-17104	00000/0000	2-10023/0439	10/04/76	10	8659	3721N	11028W	39.7	139.9	GGGG		39	34
2621-17111	00000/0000	2-10023/0440	10/04/76	10	8659	3556N	11056W	40.6	138.7	GGFF		39	35
2621-17113	00000/0000	2-10023/0441	10/04/76	10	8659	3431N	11123W	41.5	137.5	GGFG		39	36
2621-17120	00000/0000	2-10023/0442	10/04/76	10	8659	3304N	11149W	42.3	136.2	FGGG		39	37
2621-17122	00000/0000	2-10023/0443	10/04/76	0	8659	3138N	11214W	43.2	135.0	GGGF		39	38
2621-17125	00000/0000	2-10023/0444	10/04/76	10	8659	3013N	11238W	44.0	133.6	GGFP		39	39
2621-20272	00000/0000	2-10023/0445	10/04/76	80	8661	7040N	13956W	14.4	169.6	FGGG		75	10
2621-20274	00000/0000	2-10023/0446	10/04/76	50	8661	6922N	14158W	15.6	167.6	GGGG		75	11
2621-20281	00000/0000	2-10023/0447	10/04/76	50	8661	6803N	14346W	16.7	165.7	GGGG		75	12
2621-20283	00000/0000	2-10023/0448	10/04/76	40	8661	6643N	14523W	17.8	164.0	GGGG		75	13
2621-20290	00000/0000	2-10023/0449	10/04/76	60	8661	6523N	14651W	18.9	162.5	GGFG		75	14
2621-20292	00000/0000	2-10023/0450	10/04/76	70	8661	6401N	14812W	20.0	161.0	GGGG		75	15
2621-20295	00000/0000	2-10023/0451	10/04/76	90	8661	6239N	14925W	21.2	159.6	FGGG		75	16
2621-20301	00000/0000	2-10023/0452	10/04/76	70	8661	6117N	15032W	22.3	158.4	GGGG		75	17
2621-20304	00000/0000	2-10023/0453	10/04/76	80	8661	5955N	15135W	23.4	157.2	GGGG		75	18
2621-20310	00000/0000	2-10023/0454	10/04/76	50	8661	5832N	15233W	24.5	156.0	GGGG		75	19
2621-20313	00000/0000	2-10023/0455	10/04/76	70	8661	5708N	15327W	25.5	154.9	GGGG		75	20
2621-20315	00000/0000	2-10023/0456	10/04/76	60	8661	5545N	15418W	26.6	153.8	GGGG		75	21
2621-22110	00000/0000	2-10023/0457	10/04/76	90	8662	6924N	16738W	15.5	167.6	GGGG		93	11
2621-22112	00000/0000	2-10023/0458	10/04/76	90	8662	6806N	16926W	16.6	165.8	GGGG		93	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0320

OBSERVATION ID	MICROFILM POSITION RRV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RRV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2621-22115	00000/0000	2-10023/0459	10/04/76	90	8662	6646N	17104W	17.7	164.1	GGGG			93	13
2622-15295	00000/0000	2-10023/0484	10/05/76	80	8672	4845N	08149W	31.6	148.7	GGGG			22	26
2622-15301	00000/0000	2-10023/0485	10/05/76	80	8672	4720N	08226W	32.6	147.7	GGGG			22	27
2622-15304	00000/0000	2-10023/0486	10/05/76	60	8672	4555N	08300W	33.6	146.7	GGGG			22	28
2622-15310	00000/0000	2-10023/0487	10/05/76	50	8672	4430N	08334W	34.6	145.6	GGGG			22	29
2622-15313	00000/0000	2-10023/0488	10/05/76	40	8672	4305N	08406W	35.6	144.6	GGGG			22	30
2622-15315	00000/0000	2-10023/0489	10/05/76	40	8672	4140N	08438W	36.6	143.5	GGGG			22	31
2622-15322	00000/0000	2-10023/0490	10/05/76	20	8672	4014N	08508W	37.5	142.4	GGGG			22	32
2622-15324	00000/0000	2-10023/0491	10/05/76	40	8672	3849N	08537W	38.5	141.3	GGGG			22	33
2622-15331	00000/0000	2-10023/0492	10/05/76	30	8672	3723N	08605W	39.4	140.2	GGGG			22	34
2622-15333	00000/0000	2-10023/0493	10/05/76	30	8672	3557N	08631W	40.3	139.0	GGGG			22	35
2622-15340	00000/0000	2-10023/0494	10/05/76	30	8672	3432N	08657W	41.2	137.8	GGGG			22	36
2622-15342	00000/0000	2-10023/0495	10/05/76	20	8672	3306N	08723W	42.1	136.6	GGGG			22	37
2622-15345	00000/0000	2-10023/0496	10/05/76	10	8672	3140N	08749W	42.9	135.3	GGGG			22	38
2622-15351	00000/0000	2-10023/0497	10/05/76	30	8672	3014N	08814W	43.7	134.0	GGGG			22	39
2622-15354	00000/0000	2-10023/0498	10/05/76	40	8672	2848N	08838W	44.5	132.7	GGGG			22	40
2622-15360	00000/0000	2-10023/0499	10/05/76	40	8672	2722N	08902W	45.3	131.3	GGGG			22	41
2622-17124	00000/0000	2-10023/0471	10/05/76	10	8673	5010N	10659W	30.5	149.8	GGGG			40	25
2622-17131	00000/0000	2-10023/0472	10/05/76	10	8673	4845N	10738W	31.6	148.7	GGGG			40	26
2622-17133	00000/0000	2-10023/0473	10/05/76	10	8673	4720N	10814W	32.6	147.7	GGGG			40	27
2622-17140	00000/0000	2-10023/0474	10/05/76	60	8673	4555N	10850W	33.6	146.7	GGGG			40	28
2622-17142	00000/0000	2-10023/0475	10/05/76	70	8673	4429N	10924W	34.6	145.7	GGGG			40	29
2622-17145	00000/0000	2-10023/0476	10/05/76	80	8673	4304N	10956W	35.6	144.6	GGGG			40	30
2622-17151	00000/0000	2-10023/0477	10/05/76	70	8673	4139N	11027W	36.6	143.5	GGGG			40	31
2622-17154	00000/0000	2-10023/0478	10/05/76	10	8673	4014N	11057W	37.5	142.4	GGGG			40	32
2622-17160	00000/0000	2-10023/0479	10/05/76	0	8673	3849N	11126W	38.5	141.3	GGGG			40	33
2622-17165	00000/0000	2-10023/0480	10/05/76	0	8673	3657N	11222W	40.3	139.0	GGGG			40	35
2622-17172	00000/0000	2-10023/0481	10/05/76	0	8673	3431N	11248W	41.2	137.8	GGGG			40	36
2622-17174	00000/0000	2-10023/0482	10/05/76	0	8673	3305N	11314W	42.0	136.6	GGGG			40	37
2622-17181	00000/0000	2-10023/0483	10/05/76	0	8673	3139N	11339W	42.9	135.4	GGGG			40	38
2622-20332	00000/0000	2-10023/0460	10/05/76	60	8675	6922N	14317W	15.2	167.7	FFGF			76	11
2622-20335	00000/0000	2-10023/0461	10/05/76	60	8675	6803N	14507W	16.3	165.8	GGGF			76	12
2622-20341	00000/0000	2-10023/0462	10/05/76	40	8675	6644N	14645W	17.4	164.1	GGGG			76	13
2622-20344	00000/0000	2-10023/0463	10/05/76	30	8675	6523N	14814W	18.5	162.6	GGGG			76	14
2622-20350	00000/0000	2-10023/0464	10/05/76	60	8675	6402N	14934W	19.7	161.1	GGGG			76	15
2622-20353	00000/0000	2-10023/0465	10/05/76	80	8675	6240N	15048W	20.8	159.8	GGFF			76	16

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0321

OBSERVATION ID	MICROFILM POSITION IN RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLCUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2622-20355	00000/0000	2-10023/0466	10/05/76	90	8675	6118N	15155W	21.9	158.5	FGFF			76	17
2622-20362	00000/0000	2-10023/0467	10/05/76	80	8675	5955N	15258W	23.0	157.3	GGGF			76	18
2622-20364	00000/0000	2-10023/0468	10/05/76	40	8675	5832N	15356W	24.1	156.2	GGGF			76	19
2622-20371	00000/0000	2-10023/0469	10/05/76	50	8675	5709N	15450W	25.2	155.0	GGGG			76	20
2622-20373	00000/0000	2-10023/0470	10/05/76	60	8675	5545N	15541W	26.3	154.0	GGGG			76	21
2623-15353	00000/0000	2-10023/0516	10/06/76	90	8686	4842N	08315W	31.3	148.9	GGGG			23	26
2623-15360	00000/0000	2-10023/0517	10/06/76	90	8686	4717N	08352W	32.3	147.9	GGGG			23	27
2623-15362	00000/0000	2-10023/0518	10/06/76	70	8686	4552N	08427W	33.3	146.9	GGFF			23	28
2623-15365	00000/0000	2-10023/0519	10/06/76	90	8686	4427N	08501W	34.3	145.9	GGFF			23	29
2623-15371	00000/0000	2-10023/0520	10/06/76	90	8686	4302N	08534W	35.3	144.8	GGFG			23	30
2623-15374	00000/0000	2-10023/0521	10/06/76	90	8686	4137N	08605W	36.3	143.8	GGFG			23	31
2623-15380	00000/0000	2-10023/0522	10/06/76	90	8686	4011N	08635W	37.3	142.7	GGFG			23	32
2623-15383	00000/0000	2-10023/0523	10/06/76	90	8686	3846N	08704W	38.2	141.6	GGFG			23	33
2623-15385	00000/0000	2-10023/0524	10/06/76	90	8686	3720N	08731	39.1	140.5	GGFF			23	34
2623-15392	00000/0000	2-10023/0525	10/06/76	90	8686	3555N	08758W	40.0	139.3	GGGG			23	35
2623-15394	00000/0000	2-10023/0526	10/06/76	90	8686	3429N	08824W	40.9	138.1	GGFG			23	36
2623-15401	00000/0000	2-10023/0527	10/06/76	90	8686	3304N	08849W	41.8	136.9	GGFF			23	37
2623-15403	00000/0000	2-10023/0528	10/06/76	90	8686	3138N	08915W	42.7	135.7	GGFG			23	38
2623-15410	00000/0000	2-10023/0529	10/06/76	90	8686	3012N	08940W	43.5	134.4	GGFF			23	39
2623-15412	00000/0000	2-10023/0530	10/06/76	90	8686	2846N	09004W	44.3	133.1	GGGG			23	40
2623-17182	00000/0000	2-10023/0531	10/06/76	70	8687	5006N	10827W	30.2	150.0	GGGG			41	25
2623-17185	00000/0000	2-10023/0532	10/06/76	40	8687	4842N	10905W	31.3	148.9	GGGG			41	26
2623-17191	00000/0000	2-10023/0533	10/06/76	50	8687	4717N	10942W	32.3	147.9	GGGG			41	27
2623-17194	00000/0000	2-10023/0534	10/06/76	70	8687	4552N	11017W	33.3	146.9	GGGG			41	28
2623-17200	00000/0000	2-10023/0535	10/06/76	80	8687	4427N	11050W	34.3	145.9	GGGG			41	29
2623-17203	00000/0000	2-10023/0536	10/06/76	30	8687	4301N	11122W	35.3	144.8	GGGG			41	30
2623-17205	00000/0000	2-10023/0537	10/06/76	10	8687	4136N	11153W	36.3	143.8	GGGG			41	31
2623-17212	00000/0000	2-10023/0538	10/06/76	10	8687	4011N	11223W	37.2	142.7	GGGG			41	32
2623-17214	00000/0000	2-10023/0539	10/06/76	10	8687	3846N	11252W	38.2	141.6	GGGG			41	33
2623-17221	00000/0000	2-10023/0540	10/06/76	10	8687	3720N	11320W	39.1	140.5	GGGG			41	34
2623-17223	00000/0000	2-10023/0541	10/06/76	0	8687	3554N	11348W	40.0	139.3	GGGG			41	35
2623-17230	00000/0000	2-10023/0542	10/06/76	10	8687	3429N	11414W	40.9	138.2	GGGF			41	36
2623-17232	00000/0000	2-10023/0543	10/06/76	0	8687	3303N	11440W	41.8	137.0	GGGG			41	37
2623-17235	00000/0000	2-10023/0544	10/06/76	10	8687	3138N	11506W	42.6	135.7	GGGG			41	38
2623-20384	00000/0000	2-10023/0586	10/06/76	90	8689	7037N	14248W	13.7	169.7	GGGG			77	10
2623-20391	00000/0000	2-10023/0587	10/06/76	50	8689	6919N	14450W	14.8	167.7	GGGG			77	11

KEYS: CLCUD COVER % ..... 0 TO 100 = % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 032P

OBSERVATION ID	WGS84 FILE POSITION IN RBV	RAII NR./ MSS	DATE ACQUIRED	CLSD COVER NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2623-20393	00000/0000	2-10023/0588	10/06/76	70	8689	6800N	14638W	16.0	165.9	GGGG		77	12
2623-20400	00000/0000	2-10023/0589	10/06/76	80	8689	6641N	14815W	17.1	164.2	GGGG		77	13
2623-20402	00000/0000	2-10023/0590	10/06/76	100	8689	6570N	14943W	18.2	162.6	GGGG		77	14
2623-20405	00000/0000	2-10023/0591	10/06/76	90	8689	6359N	15103W	19.3	161.2	GGGG		77	15
2623-20411	00000/0000	2-10023/0592	10/06/76	90	8689	6238N	15216W	20.4	159.9	GGGG		77	16
2623-20414	00000/0000	2-10023/0593	10/06/76	100	8689	6115N	15324W	21.6	158.6	GGGG		77	17
2623-20420	00000/0000	2-10023/0594	10/06/76	90	8689	5952N	15427W	22.7	157.4	GGGG		77	18
2623-20423	00000/0000	2-10023/0595	10/06/76	60	8689	5829N	15525W	23.8	156.3	GGGG		77	19
2623-20425	00000/0000	2-10023/0596	10/06/76	50	8689	5706N	15619W	24.9	155.2	GGGG		77	20
2623-20432	00000/0000	2-10023/0597	10/06/76	10	8689	5543N	15709W	25.9	154.1	GGGG		77	21
2623-20434	00000/0000	2-10023/0598	10/06/76	30	8689	5419N	15757W	27.0	153.0	GGGG		77	22
2624-15412	2-10023/1408	2-10023/0545	10/07/76	70	8700	4841N	08443W	31.0	149.1	GGG FG		24	26
2624-15414	2-10023/1409	2-10023/0546	10/07/76	50	8700	4716N	08519W	32.0	148.1	GGG FG		24	27
2624-15421	2-10023/1410	2-10023/0547	10/07/76	30	8700	4551N	08554W	33.0	147.1	FFF FG		24	28
2624-15423	2-10023/1411	2-10023/0548	10/07/76	90	8700	4426N	08628W	34.0	146.1	FFF FG		24	29
2624-15430	2-10023/1412	2-10023/0549	10/07/76	60	8700	4300N	08700W	35.0	145.1	GGG FG		24	30
2624-15432	2-10023/1413	2-10023/0550	10/07/76	50	8700	4135N	08730W	36.0	144.0	GGG FG		24	31
2624-15435	2-10023/1414	2-10023/0551	10/07/76	70	8700	4009N	08800W	37.0	143.0	GGG FG		24	32
2624-15441	2-10023/1415	2-10023/0552	10/07/76	70	8700	3844N	08829W	37.9	141.9	GGG FG		24	33
2624-15444	2-10023/1416	2-10023/0553	10/07/76	70	8700	3718N	08857W	38.8	140.8	GGG FG		24	34
2624-15450	2-10023/1417	2-10023/0554	10/07/76	70	8700	3552N	08924W	39.8	139.6	GGG FG		24	35
2624-15453	2-10023/1418	2-10023/0555	10/07/76	80	8700	3427N	08950W	40.7	138.5	GGG FG		24	36
2624-15455	2-10023/1419	2-10023/0556	10/07/76	90	8700	3302N	09016W	41.5	137.3	GGG FG		24	37
2624-15462	00000/0000	2-10023/0557	10/07/76	60	8700	3136N	09041W	42.4	136.0	GGGG		24	38
2624-15464	00000/0000	2-10023/0558	10/07/76	40	8700	3010N	09106W	43.2	134.8	GGGG		24	39
2624-15471	00000/0000	2-10023/0559	10/07/76	50	8700	2844N	09130W	44.0	133.5	GGGG		24	40
2624-17243	00000/0000	2-10023/0599	10/07/76	0	8701	4843N	11030W	30.9	149.2	GGGG		42	26
2624-17250	00000/0000	2-10023/0600	10/07/76	0	8701	4718N	11107W	31.9	148.2	GGGG		42	27
2624-17252	00000/0000	2-10023/0601	10/07/76	0	8701	4554N	11142W	33.0	147.2	GGGG		42	28
2624-17255	00000/0000	2-10023/0602	10/07/76	10	8701	4429N	11216W	34.0	146.1	GGGG		42	29
2624-17261	00000/0000	2-10023/0603	10/07/76	10	8701	4304N	11249W	35.0	145.1	GGGG		42	30
2624-17264	00000/0000	2-10023/0604	10/07/76	0	8701	4138N	11320W	36.0	144.1	GGGG		42	31
2624-17270	00000/0000	2-10023/0605	10/07/76	0	8701	4013N	11350W	36.9	143.0	GGGG		42	32
2624-17273	00000/0000	2-10023/0606	10/07/76	0	8701	3847N	11419W	37.9	141.9	GGGG		42	33
2624-17275	00000/0000	2-10023/0607	10/07/76	0	8701	3721N	11447W	38.8	140.8	GGGG		42	34
2624-17282	00000/0000	2-10023/0608	10/07/76	0	8701	3556N	11514W	39.7	139.7	GGGG		42	35

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0323

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2624-17284	00000/0000	2-10023/0609	10/07/76	0	8701	3430N	11541W	40.6	138.5	GGGG			42	36
2624-17291	00000/0000	2-10023/0610	10/07/76	10	8701	3305N	11607W	41.5	137.3	GGGG			42	37
2624-17293	00000/0000	2-10023/0611	10/07/76	50	8701	3139N	11632W	42.4	136.1	GGGG			42	38
2624-20442	00000/0000	2-10023/0560	10/07/76	80	8703	7037N	14410W	13.3	169.8	GGGG			78	10
2624-20445	00000/0000	2-10023/0561	10/07/76	90	8703	6920N	14612W	14.4	167.8	GGG			78	11
2624-20451	00000/0000	2-10023/0562	10/07/76	90	8703	6801N	14801W	15.6	166.0	GGGG			78	12
2624-20454	00000/0000	2-10023/0563	10/07/76	90	8703	6641N	14940W	16.7	164.3	GGGG			78	13
2624-20460	00000/0000	2-10023/0564	10/07/76	90	8703	6521N	15109W	17.8	162.8	GGGG			78	14
2624-20463	00000/0000	2-10023/0565	10/07/76	90	8703	6400N	15229W	19.0	161.4	GGGG			78	15
2624-20465	00000/0000	2-10023/0566	10/07/76	80	8703	6238N	15343W	20.1	160.0	GGGG			78	16
2624-20472	00000/0000	2-10023/0567	10/07/76	60	8703	6116N	15450W	21.2	158.8	GGGG			78	17
2624-20474	00000/0000	2-10023/0568	10/07/76	20	8703	5953N	15553W	22.3	157.6	GGGG			78	18
2624-20481	00000/0000	2-10023/0569	10/07/76	20	8703	5830N	15650W	23.4	156.4	GGGG			78	19
2624-20483	00000/0000	2-10023/0570	10/07/76	40	8703	5707N	15744W	24.5	155.3	GG G			78	20
2624-20490	00000/0000	2-10023/0571	10/07/76	70	8703	5544N	15835W	25.6	154.3	GGGG			78	21
2624-20492	00000/0000	2-10023/0572	10/07/76	80	8703	5421N	15923W	26.7	153.2	GGGG			78	22
2624-22324	00000/0000	2-10023/0573	10/07/76	90	8704	5420N	17445E	26.6	153.2	GGGG			96	22
2625-15470	00000/0000	2-10023/0612	10/08/76	90	8714	4844N	08607W	30.6	149.4	GGGG			25	26
2625-15472	00000/0000	2-10023/0613	10/08/76	80	8714	4718N	08643W	31.6	148.4	GGGG			25	27
2625-15475	00000/0000	2-10023/0614	10/08/76	70	8714	4554N	08718W	32.6	147.4	GGGG			25	28
2625-15481	00000/0000	2-10023/0615	10/08/76	80	8714	4428N	08752W	33.7	146.4	GGGG			25	29
2625-15484	00000/0000	2-10023/0616	10/08/76	70	8714	4304N	08824W	34.7	145.4	GGGG			25	30
2625-15490	00000/0000	2-10023/0617	10/08/76	30	8714	4138N	08856W	35.6	144.3	GGGG			25	31
2625-15493	00000/0000	2-10023/0618	10/08/76	40	8714	4012N	08926W	36.6	143.3	GGGG			25	32
2625-15495	00000/0000	2-10023/0619	10/08/76	40	8714	3846N	08956W	37.6	142.2	GGGG			25	33
2625-15502	00000/0000	2-10023/0620	10/08/76	70	8714	3721N	09024W	38.5	141.1	GGGG			25	34
2625-15504	00000/0000	2-10023/0621	10/08/76	90	8714	3556N	09051W	39.4	140.0	GGGG			25	35
2625-15511	00000/0000	2-10023/0622	10/08/76	100	8714	3430N	09118W	40.3	138.9	GGGG			25	36
2625-15513	00000/0000	2-10023/0623	10/08/76	100	8714	3304N	09144W	41.2	137.7	GGGG			25	37
2625-15520	00000/0000	2-10023/0624	10/08/76	100	8714	3139N	09209W	42.1	136.5	GGGG			25	38
2625-15522	00000/0000	2-10023/0625	10/08/76	100	8714	3014N	09234W	42.9	135.2	GGGG			25	39
2625-17301	00000/0000	2-10023/0574	10/08/76	0	8715	4844N	11158W	30.6	149.4	GGGG			43	26
2625-17304	00000/0000	2-10023/0575	10/08/76	0	8715	4719N	11235W	31.6	148.4	GGGG			43	27
2625-17310	00000/0000	2-10023/0576	10/08/76	10	8715	4554N	11310W	32.6	147.4	GGGG			43	28
2625-17313	00000/0000	2-10023/0577	10/08/76	0	8715	4429N	11343W	33.6	146.4	GGGG			43	29
2625-17315	00000/0000	2-10023/0578	10/08/76	0	8715	4304N	11415W	34.6	145.4	GGGG			43	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0324

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2625-17322	00000/0000	2-10023/0579	10/08/76	0	8715	4139N	11447W	35.6	144.4	GGGG			43	31
2625-17324	00000/0000	2-10023/0580	10/08/76	0	8715	4013N	11517W	36.6	143.3	GGGG			43	32
2625-17331	00000/0000	2-10023/0581	10/08/76	0	8715	3847N	11546W	37.6	142.2	GGGG			43	33
2625-17333	00000/0000	2-10023/0582	10/08/76	0	8715	3722N	11614W	38.5	141.1	GGGG			43	34
2625-17340	00000/0000	2-10023/0583	10/08/76	0	8715	3556N	11641W	39.4	140.0	GGGG			43	35
2625-17342	00000/0000	2-10023/0584	10/08/76	0	8715	3430N	11707W	40.3	138.9	GGGG			43	36
2625-17345	00000/0000	2-10023/0585	10/08/76	10	8715	3304N	11733W	41.2	137.7	GGGG			43	37
2625-20500	00000/0000	2-10023/0626	10/08/76	50	8717	7038N	14538W	12.9	169.9	GGGF			79	10
2625-20503	00000/0000	2-10023/0627	10/08/76	30	8717	6920N	14740W	14.1	167.9	GGGF			79	11
2625-20505	00000/0000	2-10023/0628	10/08/76	30	8717	6801N	14928W	15.2	166.1	GGGG			79	12
2625-20512	00000/0000	2-10023/0629	10/08/76	90	8717	6641N	15106W	16.3	164.4	GGGG			79	13
2625-20514	00000/0000	2-10023/0630	10/08/76	90	8717	6521N	15234W	17.5	162.9	GGGG			79	14
2625-20521	00000/0000	2-10023/0631	10/08/76	90	8717	6400N	15355W	18.6	161.5	GGGG			79	15
2625-20523	00000/0000	2-10023/0632	10/08/76	70	8717	6238N	15509W	19.7	160.2	GGGG			79	16
2625-20530	00000/0000	2-10023/0633	10/08/76	60	8717	6116N	15616W	20.8	158.9	GGGG			79	17
2625-20532	00000/0000	2-10023/0634	10/08/76	20	8717	5954N	15719W	21.9	157.7	FGGF			79	18
2625-20535	00000/0000	2-10023/0635	10/08/76	10	8717	5831N	15818W	23.0	156.6	FGGG			79	19
2625-20541	00000/0000	2-10023/0636	10/08/76	20	8717	5707N	15911W	24.1	155.5	FGGG			79	20
2625-20544	00000/0000	2-10023/0637	10/08/76	50	8717	5544N	16001W	25.2	154.4	GGGG			79	21
2625-20550	00000/0000	2-10023/0638	10/08/76	80	8717	5421N	16047W	26.3	153.4	GGGG			79	22
2626-15524	00000/0000	2-10023/0834	10/09/76	30	8728	4845N	08733W	30.2	149.6	GGGG			26	26
2626-15530	00000/0000	2-10023/0835	10/09/76	70	8728	4720N	08810W	31.3	148.6	GGGG			26	27
2626-15533	00000/0000	2-10023/0836	10/09/76	80	8728	4555N	08844W	32.3	147.6	GGGG			26	28
2626-15535	00000/0000	2-10023/0837	10/09/76	60	8728	4430N	08918W	33.3	146.6	GGGG			26	29
2626-15542	00000/0000	2-10023/0838	10/09/76	40	8728	4304N	08950W	34.3	145.6	GGGG			26	30
2626-15544	00000/0000	2-10023/0839	10/09/76	30	8728	4139N	09021W	35.3	144.6	GGGG			26	31
2626-15551	00000/0000	2-10023/0840	10/09/76	20	8728	4013N	09051W	36.3	143.6	GGGG			26	32
2626-15553	00000/0000	2-10023/0841	10/09/76	10	8728	3847N	09121W	37.3	142.5	GGGG			26	33
2626-15560	00000/0000	2-10023/0842	10/09/76	0	8728	3722N	09149W	38.2	141.4	GGGG			26	34
2626-15562	00000/0000	2-10023/0839	10/09/76	0	8728	3556N	09217W	39.1	140.3	FGGG			26	35
2626-15565	00000/0000	2-10023/0840	10/09/76	0	8728	3431N	09243W	40.0	139.2	GGGG			26	36
2626-15571	00000/0000	2-10023/0841	10/09/76	0	8728	3305N	09310W	40.9	138.0	FGGG			26	37
2626-15574	00000/0000	2-10023/0842	10/09/76	0	8728	3139N	09335W	41.8	136.8	FGGG			26	38
2626-15580	00000/0000	2-10023/0843	10/09/76	10	8728	3013N	09400W	42.7	135.6	GGGG			26	39
2626-15583	00000/0000	2-10023/0844	10/09/76	50	8728	2847N	09424W	43.5	134.3	GGGG			26	40
2626-15585	00000/0000	2-10023/0845	10/09/76	50	8728	2721N	09448W	44.3	133.0	GGGG			26	41

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0325

OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIN.	IMAGE-QUAL RBV	MSS MSS DATA MODE	MSS MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2626-15592	00000/0000	2-10023/0646	10/09/76	80	8728	2554N	09511W	45.1	131.7	GGGG		26	42
2626-15594	00000/0000	2-10023/0647	10/09/76	90	8728	2428N	09533W	45.8	130.8	GGGG		26	43
2626-17353	00000/0000	2-10023/0648	10/09/76	10	8729	5009N	11245W	29.2	150.6	GGGG		44	25
2626-17355	00000/0000	2-10023/0649	10/09/76	30	8729	4844N	11323W	30.2	149.6	GGGG		44	26
2626-17362	00000/0000	2-10023/0650	10/09/76	10	8729	4720N	11400W	31.3	148.6	GGGG		44	27
2626-17364	00000/0000	2-10023/0651	10/09/76	10	8729	4555N	11435W	32.3	147.7	GGGG		44	28
2626-17371	00000/0000	2-10023/0652	10/09/76	0	8729	4430N	11508W	33.3	146.7	GGGG		44	29
2626-17373	00000/0000	2-10023/0653	10/09/76	0	8729	4305N	11541W	34.3	145.7	GGGG		44	30
2626-17380	00000/0000	2-10023/0654	10/09/76	0	8729	4139N	11612W	35.3	144.6	GGGG		44	31
2626-17382	00000/0000	2-10023/0655	10/09/76	0	8729	4014N	11641W	36.3	143.6	GGGG		44	32
2626-17385	00000/0000	2-10023/0656	10/09/76	0	8729	3848N	11710W	37.2	142.5	GGGG		44	33
2626-17391	00000/0000	2-10023/0657	10/09/76	0	8729	3723N	11739W	38.2	141.5	GGGG		44	34
2626-17394	00000/0000	2-10023/0658	10/09/76	0	8729	3558N	11806W	39.1	140.4	GGGG		44	35
2626-17400	00000/0000	2-10023/0659	10/09/76	0	8729	3432N	11832W	40.0	139.2	GGGG		44	36
2626-17403	00000/0000	2-10023/0660	10/09/76	0	8729	3306N	11858W	40.9	138.1	GGFF		44	37
2626-20555	00000/0000	2-10023/0698	10/09/76	40	8731	7038N	14703W	12.5	170.0	GGG		80	10
2626-20561	00000/0000	2-10023/0699	10/09/76	50	8731	6921N	14904W	13.7	168.0	GGGG		80	11
2626-20564	00000/0000	2-10023/0700	10/09/76	70	8731	6802N	15053W	14.8	166.2	GGGG		80	12
2626-20570	00000/0000	2-10023/0701	10/09/76	90	8731	6643N	15231W	15.9	164.5	GGGG		80	13
2626-20573	00000/0000	2-10023/0702	10/09/76	60	8731	6522N	15400W	17.1	163.0	GGGG		80	14
2626-20575	00000/0000	2-10023/0703	10/09/76	70	8731	6402N	15520W	18.2	161.6	GGGG		80	15
2626-20582	00000/0000	2-10023/0704	10/09/76	60	8731	6240N	15634W	19.3	160.3	GGGG		80	16
2626-20584	00000/0000	2-10023/0705	10/09/76	60	8731	6117N	15741W	20.4	159.1	GGGG		80	17
2626-20591	00000/0000	2-10023/0706	10/09/76	80	8731	5955N	15843W	21.5	157.9	GGGG		80	18
2626-20593	00000/0000	2-10023/0707	10/09/76	90	8731	5831N	15941W	22.7	156.8	GGGG		80	19
2626-21002	00000/0000	2-10023/0708	10/09/76	50	8731	5544N	16127W	24.8	154.6	GGGG		80	21
2626-21005	00000/0000	2-10023/0709	10/09/76	60	8731	5421N	16215W	25.9	153.6	GGGG		80	22
2627-15582	00000/0000	2-10023/0673	10/10/76	50	8742	4842N	08900W	29.9	149.8	GGGG		27	26
2627-15585	00000/0000	2-10023/0674	10/10/76	90	8742	4717N	08937W	31.0	148.8	GGGG		27	27
2627-15591	00000/0000	2-10023/0675	10/10/76	90	8742	4552N	09012W	32.0	147.8	GGGG		27	28
2627-15594	00000/0000	2-10023/0676	10/10/76	10	8742	4427N	09046W	33.0	146.9	GGGG		27	29
2627-16000	00000/0000	2-10023/0677	10/10/76	10	8742	4301N	09118W	34.0	145.9	GGGG		27	30
2627-16003	00000/0000	2-10023/0678	10/10/76	10	8742	4137N	09148W	35.0	144.9	GGGG		27	31
2627-16005	00000/0000	2-10023/0679	10/10/76	50	8742	4011N	09218W	36.0	143.8	GGGG		27	32
2627-16012	00000/0000	2-10023/0680	10/10/76	30	8742	3846N	09247W	37.0	142.8	GGGG		27	33
2627-16014	00000/0000	2-10023/0681	10/10/76	10	8742	3721N	09315W	37.9	141.7	GGGG		27	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0326

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE=QUAL -RBV- MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW... NUMBER
2627-16021	00000/0000	2-10023/0682	10/10/76	0	8742	3554N	09342W	38.9	140.6	GGGG		27	35
2627-16023	00000/0000	2-10023/0683	10/10/76	0	8742	3428N	09409W	39.8	139.8	GGGG		27	36
2627-16030	00000/0000	2-10023/0684	10/10/76	0	8742	3303N	09434W	40.7	138.3	GGGG		27	37
2627-16032	00000/0000	2-10023/0685	10/10/76	0	8742	3136N	09500W	41.6	137.2	GGGG		27	38
2627-16035	00000/0000	2-10023/0710	10/10/76	0	8742	3011N	09525W	42.4	135.9	GGG		27	39
2627-16041	00000/0000	2-10023/0711	10/10/76	10	8742	2845N	09549W	43.3	134.7	GGGG		27	40
2627-16044	00000/0000	2-10023/0712	10/10/76	10	8742	2719N	09612W	44.1	133.4	GGGG		27	41
2627-16050	00000/0000	2-10023/0713	10/10/76	10	8742	2553N	09635W	44.9	132.1	FGFG		27	42
2627-17411	00000/0000	2-10023/0661	10/10/76	40	8743	5006N	11412W	28.9	150.8	GGGG		45	25
2627-17414	00000/0000	2-10023/0662	10/10/76	40	8743	4842N	11450W	29.9	149.8	GGGG		45	26
2627-17420	00000/0000	2-10023/0663	10/10/76	30	8743	4717N	11526W	31.0	148.8	GGGG		45	27
2627-17423	00000/0000	2-10023/0664	10/10/76	10	8743	4552N	11601W	32.0	147.9	GGGG		45	28
2627-17425	00000/0000	2-10023/0665	10/10/76	10	8743	4427N	11634W	33.0	146.9	GGGG		45	29
2627-17432	00000/0000	2-10023/0666	10/10/76	30	8743	4302N	11707W	34.0	145.9	GGGG		45	30
2627-17434	00000/0000	2-10023/0667	10/10/76	60	8743	4136N	11738W	35.0	144.9	GGGG		45	31
2627-17441	00000/0000	2-10023/0668	10/10/76	70	8743	4011N	11808W	36.0	143.8	GGGG		45	32
2627-17443	00000/0000	2-10023/0669	10/10/76	40	8743	3845N	11837W	37.0	142.8	GGGG		45	33
2627-17450	00000/0000	2-10023/0670	10/10/76	0	8743	3720N	11905W	37.9	141.7	GGGG		45	34
2627-17452	00000/0000	2-10023/0671	10/10/76	10	8743	3554N	11933W	38.8	140.6	GGGG		45	35
2627-17455	00000/0000	2-10023/0672	10/10/76	20	8743	3429N	11959W	39.8	139.5	GGGG		45	36
2628-16040	00000/0000	2-10023/0686	10/11/76	50	8756	4842N	09028W	29.6	150.0	GGGG		28	26
2628-16043	00000/0000	2-10023/0687	10/11/76	80	8756	4717N	09104W	30.6	149.0	GGGG		28	27
2628-16045	00000/0000	2-10023/0688	10/11/76	80	8756	4552N	09139W	31.7	148.1	GGGG		28	28
2628-16052	00000/0000	2-10023/0689	10/11/76	30	8756	4428N	09213W	32.7	147.1	GGGG		28	29
2628-16054	00000/0000	2-10023/0690	10/11/76	50	8756	4303N	09245W	33.7	146.1	GGGG		28	30
2628-16061	00000/0000	2-10023/0691	10/11/76	40	8756	4137N	09316W	34.7	145.1	GGGG		28	31
2628-16063	00000/0000	2-10023/0692	10/11/76	10	8756	4012N	09346W	35.7	144.1	GGGG		28	32
2628-16070	00000/0000	2-10023/0693	10/11/76	0	8756	3846N	09415W	36.7	143.1	GGGG		28	33
2628-16075	00000/0000	2-10023/0694	10/11/76	0	8756	3554N	09510W	38.6	140.9	GGGG		28	35
2628-16081	00000/0000	2-10023/0695	10/11/76	0	8756	3429N	09537W	39.5	139.8	GGGG		28	36
2628-16084	00000/0000	2-10023/0696	10/11/76	0	8756	3304N	09602W	40.4	138.7	GGGG		28	37
2628-16090	00000/0000	2-10023/0697	10/11/76	0	8756	3138N	09628W	41.3	137.5	GGGG		28	38
2628-16093	00000/0000	2-10023/0726	10/11/76	0	8756	3012N	09652W	42.1	136.3	GGGG		28	39
2628-16095	00000/0000	2-10023/0727	10/11/76	10	8756	2846N	09717W	43.0	135.1	GGGG		28	40
2628-16102	00000/0000	2-10023/0728	10/11/76	10	8756	2719N	09740W	43.8	133.8	GGGG		28	41
2628-16104	00000/0000	2-10023/0729	10/11/76	10	8756	2554N	09803W	44.6	132.5	GGGG		28	42

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0327

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER	
2628-17465	00000/0000	2-10023/0714	10/11/76	50	8757	5007N	11537W	28.5	151.0	GGGG			46	25
2628-17472	00000/0000	2-10023/0715	10/11/76	40	8757	4842N	11616W	29.6	150.0	GGGG			46	26
2628-17474	00000/0000	2-10023/0716	10/11/76	40	8757	4718N	11652W	30.6	149.1	GGGG			46	27
2628-17481	00000/0000	2-10023/0717	10/11/76	30	8757	4553N	11727W	31.6	148.1	GGGG			46	28
2628-17483	00000/0000	2-10023/0718	10/11/76	20	8757	4428N	11801W	32.7	147.1	GGGG			46	29
2628-17490	00000/0000	2-10023/0719	10/11/76	20	8757	4302N	11833W	33.7	146.1	GGGG			46	30
2628-17492	00000/0000	2-10023/0720	10/11/76	20	8757	4137N	11904W	34.7	145.1	GGGG			46	31
2628-17495	00000/0000	2-10023/0721	10/11/76	0	8757	4012N	11934W	35.7	144.1	GGGG			46	32
2628-17501	00000/0000	2-10023/0722	10/11/76	0	8757	3847N	12003W	36.6	143.1	GGGG			46	33
2628-17504	00000/0000	2-10023/0723	10/11/76	10	8757	3721N	12031W	37.6	142.0	GGGG			46	34
2628-17510	00000/0000	2-10023/0724	10/11/76	40	8757	3555N	12058W	38.5	141.0	GGGG			46	35
2628-17513	00000/0000	2-10023/0725	10/11/76	90	8757	3429N	12125W	39.5	139.9	GGGG			46	36
2628-21071	00000/0000	2-10023/0730	10/11/76	50	8759	7037N	14955W	11.8	170.1	GGGG			82	10
2628-21074	00000/0000	2-10023/0731	10/11/76	60	8759	6919N	15156W	13.0	168.1	GGGG			82	11
2628-21080	00000/0000	2-10023/0732	10/11/76	20	8759	6801N	15345W	14.1	166.3	GGGG			82	12
2628-21083	00000/0000	2-10023/0733	10/11/76	40	8759	6641N	15524W	15.2	164.7	GGGG			82	13
2628-21085	00000/0000	2-10023/0734	10/11/76	60	8759	6520N	15652W	16.4	163.2	GGGG			82	14
2628-21092	00000/0000	2-10023/0735	10/11/76	20	8759	6359N	15812W	17.5	161.8	GGGG			82	15
2628-21094	00000/0000	2-10023/0736	10/11/76	50	8759	6237N	15925W	18.6	160.5	GGGG			82	16
2628-21101	00000/0000	2-10023/0737	10/11/76	40	8759	6116N	16032W	19.7	159.3	GGGG			82	17
2628-21103	00000/0000	2-10023/0738	10/11/76	30	8759	5953N	16134W	20.8	158.1	GGGG			82	18
2628-21110	00000/0000	2-10023/0739	10/11/76	30	8759	5830N	16232W	22.0	157.0	GGGG			82	19
2628-21112	00000/0000	2-10023/0740	10/11/76	40	8759	5707N	16326W	23.1	155.9	GGGG			82	20
2628-21115	00000/0000	2-10023/0741	10/11/76	50	8759	5543N	16417W	24.2	154.9	GGGG			82	21
2628-21121	00000/0000	2-10023/0742	10/11/76	60	8759	5419N	16504W	25.2	153.9	GGGG			82	22
2628-21124	00000/0000	2-10023/0743	10/11/76	40	8759	5255N	16550W	26.3	152.9	GGGG			82	23
2629-14270	00000/0000	2-10023/0744	10/12/76	10	8769	4715N	06640W	30.4	149.2	GGGG			11	27
2629-14272	00000/0000	2-10023/0745	10/12/76	10	8769	4550N	06715W	31.4	148.3	GGGG			11	28
2629-14275	00000/0000	2-10023/0746	10/12/76	10	8769	4425N	06748W	32.4	147.3	GGGG			11	29
2629-14281	00000/0000	2-10023/0747	10/12/76	20	8769	4300N	06821W	33.4	146.3	GGGG			11	30
2629-14284	00000/0000	2-10023/0748	10/12/76	40	8769	4135N	06852W	34.4	145.3	GGGG			11	31
2629-14290	00000/0000	2-10023/0749	10/12/76	70	8769	4010N	06922W	35.4	144.3	GGGG			11	32
2629-16095	00000/0000	2-10023/0750	10/12/76	10	8770	4840N	09154W	29.3	150.2	GGGG			29	26
2629-16101	00000/0000	2-10023/0751	10/12/76	20	8770	4715N	09230W	30.3	149.2	GGGG			29	27
2629-16104	00000/0000	2-10023/0752	10/12/76	10	8770	4550N	09305W	31.4	148.3	GGGG			29	28
2629-16110	00000/0000	2-10023/0753	10/12/76	30	8770	4425N	09339W	32.4	147.3	GGGG			29	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 032A

OBSERVATION ID	MICROFILM POSITION RBV	REFL NO./ IN RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2629-16113	00000/0000	2-10023/0754	10/12/76	30	8770	4301N	09412W	33.4	146.3	GGGG			29	30
2629-16115	00000/0000	2-10023/0755	10/12/76	30	8770	4135N	09443W	34.4	145.4	GGGG			29	31
2629-16122	00000/0000	2-10023/0756	10/12/76	30	8770	4010N	09513W	35.4	144.3	GGGG			29	32
2629-16124	00000/0000	2-10023/0757	10/12/76	10	8770	3845N	09542W	36.4	143.3	GGGG			29	33
2629-16131	00000/0000	2-10023/0758	10/12/76	0	8770	3719N	09610W	37.3	142.3	GGGG			29	34
2629-16133	00000/0000	2-10023/0759	10/12/76	0	8770	3553N	09637W	38.3	141.2	GGGG			29	35
2629-16140	00000/0000	2-10023/0760	10/12/76	0	8770	3427N	09703W	39.2	140.1	GGGG			29	36
2629-16142	00000/0000	2-10023/0828	10/12/76	10	8770	3302N	09729W	40.1	139.0	GGGG			29	37
2629-16145	00000/0000	2-10023/0829	10/12/76	10	8770	3136N	09754W	41.0	137.8	GGGG			29	38
2629-16151	00000/0000	2-10023/0830	10/12/76	20	8770	3010N	09818W	41.9	136.7	GGGG			29	39
2629-16154	00000/0000	2-10023/0831	10/12/76	10	8770	2844N	09842W	42.7	135.4	GGGG			29	40
2629-16160	00000/0000	2-10023/0832	10/12/76	30	8770	2717N	09905W	43.6	134.2	GGGG			29	41
2629-16163	00000/0000	2-10023/0833	10/12/76	30	8770	2552N	09929W	44.4	132.9	GGGG			29	42
2629-17524	00000/0000	2-10023/0817	10/12/76	70	8771	5005N	11703W	28.2	151.1	GGGG			47	25
2629-17530	00000/0000	2-10023/0818	10/12/76	10	8771	4840N	11741W	29.3	150.2	GGGG			47	26
2629-17533	00000/0000	2-10023/0819	10/12/76	0	8771	4715N	11818W	30.3	149.2	GGGG			47	27
2629-17535	00000/0000	2-10023/0820	10/12/76	0	8771	4551N	11853W	31.3	148.3	GGGG			47	28
2629-17542	00000/0000	2-10023/0821	10/12/76	0	8771	4426N	11927W	32.4	147.3	GGGG			47	29
2629-17544	00000/0000	2-10023/0822	10/12/76	0	8771	4300N	11959W	33.4	146.4	GGGG			47	30
2629-17551	00000/0000	2-10023/0823	10/12/76	0	8771	4135N	12030W	34.4	145.4	GGGG			47	31
2629-17553	00000/0000	2-10023/0824	10/12/76	0	8771	4010N	12100W	35.4	144.4	GGGG			47	32
2629-17560	00000/0000	2-10023/0825	10/12/76	0	8771	3844N	12129W	36.4	143.3	GGGG			47	33
2629-17562	00000/0000	2-10023/0826	10/12/76	0	8771	3718N	12157W	37.3	142.3	GGGG			47	34
2629-17565	00000/0000	2-10023/0827	10/12/76	20	8771	3553N	12225W	38.3	141.2	GGGG			47	35
2629-21125	00000/0000	2-10023/0903	10/12/76	10	8773	7037N	15123W	11.4	170.2	GGGG			83	10
2629-21132	00000/0000	2-10023/0904	10/12/76	30	8773	6920N	15326W	12.6	168.2	GGGG			83	11
2629-21134	00000/0000	2-10023/0905	10/12/76	50	8773	6801N	15515W	13.7	166.4	GGGG			83	12
2629-21141	00000/0000	2-10023/0906	10/12/76	90	8773	6642N	15653W	14.9	164.8	GGGG			83	13
2629-21143	00000/0000	2-10023/0907	10/12/76	90	8773	6521N	15821W	16.0	163.3	GGGG			83	14
2629-21150	00000/0000	2-10023/0908	10/12/76	70	8773	6400N	15942W	17.1	161.9	GGGG			83	15
2629-21152	00000/0000	2-10023/0909	10/12/76	70	8773	6238N	16056W	18.2	160.6	GGGG			83	16
2629-21155	00000/0000	2-10023/0910	10/12/76	60	8773	6116N	16203W	19.4	159.4	GGGG			83	17
2629-21161	00000/0000	2-10023/0911	10/12/76	90	8773	5953N	16305W	20.5	158.3	GGGG			83	18
2629-21164	00000/0000	2-10023/0912	10/12/76	90	8773	5830N	16402W	21.6	157.2	GGGG			83	19
2629-21170	00000/0000	2-10023/0913	10/12/76	100	8773	5707N	16456W	22.7	156.1	GGGG			83	20
2629-21173	00000/0000	2-10023/0914	10/12/76	100	8773	5543N	16546W	23.8	155.1	GGGG			83	21

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0329

OBSERVATION ID	MICROFILM POSITION IN REEL RBV	RAII NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME RBN NUMBER
2629-21175	00000/0000	2-10023/0915	10/12/76	100	8773	5420N	16633W	24.9	154.1	GGGG			83	22
2629-21182	00000/0000	2-10023/0916	10/12/76	100	8773	5256N	16718W	26.0	153.1	GGGG			83	23
2630-14324	00000/0000	2-10023/0794	10/13/76	90	8783	4716N	06807W	30.0	149.4	GGGF			12	27
2630-14330	00000/0000	2-10023/0795	10/13/76	70	8783	4551N	06841W	31.1	148.5	FGGG			12	28
2630-14333	00000/0000	2-10023/0796	10/13/76	40	8783	4426N	06915W	32.1	147.5	FFGF			12	29
2630-14335	00000/0000	2-10023/0797	10/13/76	10	8783	4301N	06947W	33.1	146.6	FFGG			12	30
2630-14342	00000/0000	2-10023/0798	10/13/76	10	8783	4135N	07018W	34.1	145.6	GFGG			12	31
2630-14344	00000/0000	2-10023/0799	10/13/76	10	8783	4010N	07049W	35.1	144.6	GGGF			12	32
2630-14351	00000/0000	2-10023/0800	10/13/76	10	8783	3845N	07117W	36.1	143.6	GFGF			12	33
2630-14353	00000/0000	2-10023/0792	10/13/76	50	8783	3719N	07145W	37.1	142.6	F GG			12	34
2630-14360	00000/0000	2-10023/0793	10/13/76	70	8783	3553N	07212W	38.0	141.5	G GG			12	35
2630-16153	00000/0000	2-10023/1110	10/13/76	30	8784	4841N	09318W	28.9	150.4	G G			30	26
2630-16155	00000/0000	2-10023/1111	10/13/76	10	8784	4716N	09355W	30.0	149.4	GGGG			30	27
2630-16162	00000/0000	2-10023/1112	10/13/76	10	8784	4551N	09430W	31.0	148.5	GGGG			30	28
2630-16164	00000/0000	2-10023/1113	10/13/76	10	8784	4426N	09503W	32.1	147.5	GGGG			30	29
2630-16171	00000/0000	2-10023/1114	10/13/76	0	8784	4301N	09536W	33.1	146.6	GGGG			30	30
2630-16173	00000/0000	2-10023/1115	10/13/76	10	8784	4136N	09607W	34.1	145.6	GGGG			30	31
2630-16180	00000/0000	2-10023/1116	10/13/76	10	8784	4011N	09637W	35.1	144.6	GGGG			30	32
2630-16182	00000/0000	2-10023/1117	10/13/76	0	8784	3845N	09706W	36.1	143.6	GGGG			30	33
2630-16185	00000/0000	2-10023/1118	10/13/76	0	8784	3719N	09734W	37.0	142.6	GGGG			30	34
2630-16191	00000/0000	2-10023/1119	10/13/76	0	8784	3553N	09801W	38.0	141.5	GGGG			30	35
2630-16194	00000/0000	2-10023/1120	10/13/76	0	8784	3427N	09828W	38.9	140.4	FGGG			30	36
2630-16203	00000/0000	2-10023/1121	10/13/76	30	8784	3136N	09919W	40.7	138.2	GGGG			30	38
2630-16205	00000/0000	2-10023/1122	10/13/76	50	8784	3010N	09943W	41.6	137.0	GGGG			30	39
2630-16212	00000/0000	2-10023/1123	10/13/76	30	8784	2845N	10007W	42.5	135.8	GGGG			30	40
2630-16214	00000/0000	2-10023/1124	10/13/76	20	8784	2719N	10031W	43.3	134.6	GGGG			30	41
2630-16221	00000/0000	2-10023/1125	10/13/76	30	8784	2553N	10054W	44.1	133.3	GGGG			30	42
2630-17582	00000/0000	2-10023/0843	10/13/76	40	8785	5005N	11830W	27.8	151.3	G GG			48	25
2630-17584	00000/0000	2-10023/0844	10/13/76	0	8785	4840N	11908W	28.9	150.4	GGGG			48	26
2630-17591	00000/0000	2-10023/0845	10/13/76	0	8785	4716N	11944W	30.0	149.5	GGGG			48	27
2630-17593	00000/0000	2-10023/0846	10/13/76	0	8785	4551N	12019W	31.0	148.5	GGGG			48	28
2630-18000	00000/0000	2-10023/0847	10/13/76	0	8785	4426N	12053W	32.0	147.6	GGGG			48	29
2630-18002	00000/0000	2-10023/0848	10/13/76	0	8785	4300N	12125W	33.1	146.6	GGGG			48	30
2630-18005	00000/0000	2-10023/0849	10/13/76	0	8785	4135N	12156W	34.1	145.6	GGGG			48	31
2630-18011	00000/0000	2-10023/0850	10/13/76	0	8785	4010N	12226W	35.1	144.6	GGGG			48	32
2630-18014	00000/0000	2-10023/0851	10/13/76	20	8785	3845N	12255W	36.0	143.6	GGGG			48	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0330

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS QUAL 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2630-18020	00000/0000	2-10023/0852	10/13/76	60	8785	3719N	12324W	37.0	142.6	GGGG			48	34
2630-21181	00000/0000	2-10023/0801	10/13/76	30	8787	7150N	15035W	9.9	172.5	GGGG			84	9
2630-21184	00000/0000	2-10023/0802	10/13/76	60	8787	7034N	15252W	11.1	170.2	FGGG			84	10
2630-21190	00000/0000	2-10023/0803	10/13/76	90	8787	6917N	15453W	12.2	168.3	GGGG			84	11
2630-21193	00000/0000	2-10023/0804	10/13/76	90	8787	6758N	15642W	13.4	166.5	FGGG			84	12
2630-21195	00000/0000	2-10023/0805	10/13/76	90	8787	6638N	15820W	14.5	164.8	GGGG			84	13
2630-21202	00000/0000	2-10023/0806	10/13/76	90	8787	6518N	15948W	15.7	163.4	GGGG			84	14
2630-21204	00000/0000	2-10023/0807	10/13/76	90	8787	6357N	16108W	16.8	162.0	GGGG			84	15
2630-21211	00000/0000	2-10023/0808	10/13/76	90	8787	6235N	16221W	17.9	160.7	GGGG			84	16
2630-21213	00000/0000	2-10023/0809	10/13/76	90	8787	6113N	16328W	19.0	159.5	GFFG			84	17
2630-21220	00000/0000	2-10023/0810	10/13/76	70	8787	5950N	16430W	20.2	158.4	GGGG			84	18
2630-21222	00000/0000	2-10023/0811	10/13/76	30	8787	5828N	16528W	21.3	157.3	GGGG			84	19
2630-21225	00000/0000	2-10023/0812	10/13/76	60	8787	5704N	16622W	22.4	156.2	GGGG			84	20
2630-21231	00000/0000	2-10023/0813	10/13/76	30	8787	5541N	16712W	23.5	155.2	GGGG			84	21
2630-21234	00000/0000	2-10023/0814	10/13/76	30	8787	5417N	16759W	24.6	154.2	GGGG			84	22
2630-21240	00000/0000	2-10023/0815	10/13/76	40	8787	5253N	16844W	25.7	153.2	GGGG			84	23
2630-21243	00000/0000	2-10023/0816	10/13/76	30	8787	5129N	16927W	26.7	152.3	GGGG			84	24
2631-14382	00000/0000	2-10023/0860	10/14/76	100	8797	4720N	06931W	29.6	149.7	FGGG			13	27
2631-14384	00000/0000	2-10023/0861	10/14/76	90	8797	4555N	07006W	30.7	148.7	FGGG			13	28
2631-14391	00000/0000	2-10023/0862	10/14/76	80	8797	4430N	07039W	31.7	147.8	GGGG			13	29
2631-14393	00000/0000	2-10023/0859	10/14/76	50	8797	4305N	07112W	32.7	146.8	G GF			13	30
2631-14400	00000/0000	2-10023/0863	10/14/76	40	8797	4140N	07143W	33.7	145.9	GGGG			13	31
2631-14402	00000/0000	2-10023/0864	10/14/76	30	8797	4015N	07213W	34.7	144.9	GGGG			13	32
2631-14405	00000/0000	2-10023/0865	10/14/76	40	8797	3849N	07243W	35.7	143.9	GGGG			13	33
2631-14411	00000/0000	2-10023/0866	10/14/76	30	8797	3722N	07311W	36.7	142.9	FGFG			13	34
2631-14414	00000/0000	2-10023/0867	10/14/76	40	8797	3556N	07339W	37.7	141.8	GGGG			13	35
2631-14420	00000/0000	2-10023/0868	10/14/76	20	8797	3430N	07405W	38.6	140.8	FGGF			13	36
2631-14423	00000/0000	2-10023/0869	10/14/76	40	8797	3305N	07431W	39.5	139.7	GGGG			13	37
2631-14425	00000/0000	2-10023/0870	10/14/76	40	8797	3139N	07456W	40.4	138.6	GGGG			13	38
2631-16211	00000/0000	2-10023/0917	10/14/76	70	8798	4845N	09443W	28.5	150.6	GGGG			31	26
2631-16213	00000/0000	2-10023/0918	10/14/76	10	8798	4720N	09519W	29.6	149.7	GGGG			31	27
2631-16220	00000/0000	2-10023/0919	10/14/76	10	8798	4555N	09555W	30.6	148.7	FGGG			31	28
2631-16222	00000/0000	2-10023/0920	10/14/76	0	8798	4430N	09628W	31.7	147.8	GGGG			31	29
2631-16225	00000/0000	2-10023/0921	10/14/76	0	8798	4305N	09701W	32.7	146.9	GGGG			31	30
2631-16231	00000/0000	2-10023/0922	10/14/76	10	8798	4140N	09732W	33.7	145.9	GGGG			31	31
2631-16234	00000/0000	2-10023/0923	10/14/76	10	8798	4015N	09803W	34.7	144.9	GGGG			31	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0331

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SAT PATH NUMBER	FRAME RAW NUMBER
2631-16240	00000/0000	2-10023/0924	10/14/76	0	8798	3849N	09832W	35.7	143.9	GGGG			31	33
2631-16243	00000/0000	2-10023/0925	10/14/76	0	8798	3724N	09900W	36.7	142.9	GGGG			31	34
2631-16245	00000/0000	2-10023/0926	10/14/76	0	8798	3558N	09927W	37.6	141.9	GGGG			31	35
2631-16252	00000/0000	2-10023/0927	10/14/76	0	8798	3433N	09954W	38.6	140.8	GGGG			31	36
2631-16254	00000/0000	2-10023/0928	10/14/76	10	8798	3307N	10020W	39.5	139.7	GGGG			31	37
2631-16261	00000/0000	2-10023/0929	10/14/76	80	8798	3141N	10045W	40.4	138.6	GGGG			31	38
2631-16263	00000/0000	2-10023/0930	10/14/76	70	8798	3015N	10109W	41.3	137.4	GGGG			31	39
2631-18040	00000/0000	2-10023/0931	10/14/76	10	8799	5009N	11954W	27.5	151.6	GGGG			49	25
2631-18043	00000/0000	2-10023/0932	10/14/76	10	8799	4844N	12032W	28.5	150.6	GGGG			49	26
2631-18045	00000/0000	2-10023/0933	10/14/76	10	8799	4719N	12109W	29.6	149.7	GGGG			49	27
2631-18052	00000/0000	2-10023/0934	10/14/76	10	8799	4554N	12144W	30.6	148.8	GGGG			49	28
2631-18054	00000/0000	2-10023/0935	10/14/76	10	8799	4429N	12218W	31.7	147.8	GGGG			49	29
2631-18061	00000/0000	2-10023/0936	10/14/76	10	8799	4304N	12250W	32.7	146.9	GGGG			49	30
2631-18063	00000/0000	2-10023/0937	10/14/76	10	8799	4139N	12321W	33.7	145.9	GGGG			49	31
2631-18070	00000/0000	2-10023/0941	10/14/76	20	8799	4015N	12351W	34.7	144.9	GG			49	32
2631-18072	00000/0000	2-10023/0938	10/14/76	90	8799	3849N	12419W	35.7	143.9	GGGG	H		49	33
2631-18075	00000/0000	2-10023/0939	10/14/76	100	8799	3723N	12447W	36.7	142.9	GGGG	H		49	34
2631-18081	00000/0000	2-10023/0940	10/14/76	100	8799	3558N	12514W	37.6	141.9	GGGG	H		49	35
2631-21235	00000/0000	2-10023/0761	10/14/76	20	8801	7154N	15156W	9.5	172.6	GGGG			85	9
2631-21242	00000/0000	2-10023/0762	10/14/76	40	8801	7038N	15415W	10.7	170.4	GGGF			85	10
2631-21244	00000/0000	2-10023/0763	10/14/76	80	8801	6920N	15617W	11.8	168.4	GGGG			85	11
2631-21251	00000/0000	2-10023/0764	10/14/76	90	8801	6801N	15806W	13.0	166.6	GGGG			85	12
2631-21253	00000/0000	2-10023/0765	10/14/76	80	8801	6642N	15943W	14.1	165.0	GGGG			85	13
2631-21260	00000/0000	2-10023/0766	10/14/76	90	8801	6522N	16111W	15.2	163.5	GGGG			85	14
2631-21262	00000/0000	2-10023/0767	10/14/76	90	8801	6400N	16231W	16.4	162.1	GGGG			85	15
2631-21265	00000/0000	2-10023/0768	10/14/76	90	8801	6239N	16344W	17.5	160.9	GGGG			85	16
2631-21271	00000/0000	2-10023/0769	10/14/76	80	8801	6117N	16452W	18.6	159.7	GGGG			85	17
2631-21274	00000/0000	2-10023/0770	10/14/76	80	8801	5954N	16554W	19.8	158.5	GGGG			85	18
2631-21280	00000/0000	2-10023/0771	10/14/76	70	8801	5831N	16652W	20.9	157.4	GGGG			85	19
2631-21283	00000/0000	2-10023/0772	10/14/76	70	8801	5708N	16746W	22.0	156.4	GGGG			85	20
2631-21285	00000/0000	2-10023/0773	10/14/76	70	8801	5544N	16836W	23.1	155.4	GGGG			85	21
2631-21292	00000/0000	2-10023/0774	10/14/76	60	8801	5420N	16924W	24.2	154.4	GGGG			85	22
2631-21294	00000/0000	2-10023/0775	10/14/76	30	8801	5257N	17009W	25.3	153.5	GGGG			85	23
2631-21301	00000/0000	2-10023/0776	10/14/76	40	8801	5132N	17052W	26.4	152.5	GGGG			85	24
2632-14440	00000/0000	2-10023/0871	10/15/76	60	8811	4717N	07059W	29.3	149.8	GGGG			14	27
2632-14443	00000/0000	2-10023/0872	10/15/76	90	8811	4552N	07134W	30.4	148.9	GGGG			14	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0332

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	QUAL MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2632-14445	00000/0000 2-10023/0873	10/15/76	40	8811	4427N	07208K	31.4	148.0	GGGG			14	29
2632-14452	00000/0000 2-10023/0874	10/15/76	40	8811	4302N	07240W	32.4	147.0	GGGG			14	30
2632-14454	00000/0000 2-10023/0875	10/15/76	40	8811	4137N	07311W	33.5	146.1	GGGG			14	31
2632-14461	00000/0000 2-10023/0876	10/15/76	20	8811	4011N	07341W	34.5	145.1	FGGG			14	32
2632-14463	00000/0000 2-10023/0877	10/15/76	0	8811	3846N	07410W	35.5	144.1	FFGG			14	33
2632-14470	00000/0000 2-10023/0878	10/15/76	0	8811	3720N	07438W	36.4	143.1	FFGG			14	34
2632-14472	00000/0000 2-10023/0879	10/15/76	10	8811	3554N	07505W	37.4	142.1	FFGG			14	35
2632-14475	00000/0000 2-10023/0880	10/15/76	20	8811	3428N	07531W	38.3	141.0	FGGG			14	36
2632-14481	00000/0000 2-10023/0881	10/15/76	40	8811	3303N	07557W	39.3	140.0	FGGG			14	37
2632-14484	00000/0000 2-10023/0882	10/15/76	20	8811	3137N	07622W	40.2	138.8	FGGG			14	38
2632-14490	00000/0000 2-10023/0883	10/15/76	60	8811	3011N	07647W	41.1	137.7	FFGG			14	39
2632-14493	00000/0000 2-10023/0884	10/15/76	70	8811	2845N	07711W	42.0	136.5	GGGG			14	40
2632-14495	00000/0000 2-10023/0885	10/15/76	30	8811	2720N	07734W	42.8	135.3	FGGG			14	41
2632-16263	00000/0000 2-10023/0957	10/15/76	90	8812	5007N	09533W	27.2	151.7	GGGG			32	25
2632-16263	00000/0000 2-10023/0958	10/15/76	100	8812	4842N	09611W	28.2	150.8	GGGG			32	26
2632-16272	00000/0000 2-10023/0959	10/15/76	100	8812	4717N	09648W	29.3	149.8	GGGG			32	27
2632-16274	00000/0000 2-10023/0960	10/15/76	90	8812	4552N	09723W	30.4	148.9	GGGG			32	28
2632-16281	00000/0000 2-10023/0961	10/15/76	30	8812	4427N	09757W	31.4	148.0	GGGG			32	29
2632-16283	00000/0000 2-10023/0962	10/15/76	10	8812	4302N	09829W	32.4	147.1	GGGG			32	30
2632-16290	00000/0000 2-10023/0963	10/15/76	10	8812	4137N	09900W	33.4	146.1	GGGG			32	31
2632-16292	00000/0000 2-10023/0964	10/15/76	10	8812	4011N	09930W	34.4	145.1	GGGG			32	32
2632-16295	00000/0000 2-10023/0965	10/15/76	0	8812	3846N	09959W	35.4	144.2	GGGG			32	33
2632-16301	00000/0000 2-10023/0966	10/15/76	10	8812	3721N	10027W	36.4	143.1	GGGG			32	34
2632-16304	00000/0000 2-10023/0967	10/15/76	70	8812	3555N	10054W	37.4	142.1	GGGG			32	35
2632-18094	00000/0000 2-10023/1166	10/15/76	0	8813	5006N	12122W	27.2	151.7	GGGG			50	25
2632-18101	00000/0000 2-10023/1167	10/15/76	10	8813	4841N	12201W	28.2	150.8	GGGG			50	26
2632-18103	00000/0000 2-10023/1168	10/15/76	30	8813	4716N	12237W	29.3	149.9	GGGG			50	27
2632-18110	00000/0000 2-10023/1169	10/15/76	40	8813	4551N	12312W	30.3	148.9	GGGG			50	28
2632-18112	00000/0000 2-10023/1170	10/15/76	30	8813	4426N	12346W	31.4	148.0	GGGG			50	29
2632-18115	00000/0000 2-10023/1171	10/15/76	50	8813	4301N	12418W	32.4	147.1	GGGG			50	30
2632-21293	00000/0000 2-10023/0777	10/15/76	90	8815	7154N	15321W	9.2	172.7	GGGG			86	9
2632-21300	00000/0000 2-10023/0778	10/15/76	40	8815	7038N	15538W	10.3	170.5	FFGG			86	10
2632-21302	00000/0000 2-10023/0779	10/15/76	60	8815	6920N	15740W	11.5	168.5	FFGG			86	11
2632-21305	00000/0000 2-10023/0780	10/15/76	80	8815	6802N	15928W	12.6	166.7	GGGG			86	12
2632-21311	00000/0000 2-10023/0781	10/15/76	70	8815	6642N	16106W	13.7	165.1	GGGG			86	13
2632-21314	00000/0000 2-10023/0782	10/15/76	70	8815	6522N	16234W	14.9	163.6	GGGG			86	14

KEYS: CLOUD COVER X ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0333

OBSERVATION ID	MICROFILM POSITION IN ROLL	ROLL NO. / MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL IMAGE OF IMAGE	SUN FLEV.	SUN AZIM.	IMAGE QUAL	MSS DATA	MSS IMAGE	ORBIT PATH	FRAME ROW
						LAT LANG			123 45678	MODE	GAIN	NUMBER	NUMBER
2632-21320	00000/0000	2-10023/0783	10/15/76	80	8815	6401N 16355W	16.0	162.2	GGGG			86	15
2632-21323	00000/0000	2-10023/0784	10/15/76	60	8815	6239N 16508W	17.1	161.0	GFGG			86	16
2632-21332	00000/0000	2-10023/0785	10/15/76	50	8815	5955N 16717W	19.4	158.6	GGGG			86	18
2632-21334	00000/0000	2-10023/0786	10/15/76	60	8815	5832N 16815W	20.5	157.6	GGGG			86	19
2632-21341	00000/0000	2-10023/0787	10/15/76	70	8815	5709N 16909W	21.6	156.5	GGGG			86	20
2632-21343	00000/0000	2-10023/0788	10/15/76	80	8815	5545N 17000W	22.7	155.5	GGGG			86	21
2632-21350	00000/0000	2-10023/0789	10/15/76	70	8815	5421N 17048W	23.8	154.6	GGGG			86	22
2632-21352	00000/0000	2-10023/0790	10/15/76	80	8815	5257N 17134W	24.9	153.6	GGGG			86	23
2632-21355	00000/0000	2-10023/0791	10/15/76	60	8815	5133N 17217W	26.0	152.7	GGGG			86	24
2633-14494	00000/0000	2-10023/0886	10/16/76	80	8825	4717N 07225W	29.0	150.0	GGGG			15	27
2633-14501	00000/0000	2-10023/0887	10/16/76	50	8825	4552N 07300W	30.0	149.1	GGGG			15	28
2633-14503	00000/0000	2-10023/0888	10/16/76	70	8825	4427N 07333W	31.1	148.2	GGGG			15	29
2633-14510	00000/0000	2-10023/0889	10/16/76	70	8825	4302N 07405W	32.1	147.3	GGGG			15	30
2633-14512	00000/0000	2-10023/0890	10/16/76	40	8825	4137N 07436W	33.1	146.3	GFGG			15	31
2633-14515	00000/0000	2-10023/0891	10/16/76	30	8825	4012N 07506W	34.2	145.4	GFGG			15	32
2633-14521	00000/0000	2-10023/0892	10/16/76	20	8825	3846N 07535W	35.2	144.4	GFGG			15	33
2633-14524	00000/0000	2-10023/0893	10/16/76	10	8825	3721N 07603W	36.1	143.4	GGGG			15	34
2633-14530	00000/0000	2-10023/0894	10/16/76	10	8825	3555N 07630W	37.1	142.4	FGGG			15	35
2633-14533	00000/0000	2-10023/0895	10/16/76	20	8825	3429N 07657W	38.1	141.3	PGGG			15	36
2633-14535	00000/0000	2-10023/0896	10/16/76	30	8825	3304N 07723W	39.0	140.3	FGGG			15	37
2633-14542	00000/0000	2-10023/0897	10/16/76	20	8825	3138N 07748W	39.9	139.2	FGGG			15	38
2633-14544	00000/0000	2-10023/0898	10/16/76	10	8825	3012N 07813W	40.8	138.0	FFGG			15	39
2633-14551	00000/0000	2-10023/0899	10/16/76	10	8825	2846N 07837W	41.7	136.9	GFGG			15	40
2633-14553	00000/0000	2-10023/0900	10/16/76	20	8825	2720N 07901W	42.5	135.7	GGGG			15	41
2633-14560	00000/0000	2-10023/0901	10/16/76	70	8825	2555N 07924W	43.4	134.4	GFGG			15	42
2633-14562	00000/0000	2-10023/0902	10/16/76	40	8825	2429N 07947W	44.2	133.2	GGGG			15	43
2633-16321	00000/0000	2-10023/0994	10/16/76	80	8826	5007N 09657W	26.8	151.9	GGG			33	25
2633-16323	00000/0000	2-10023/0995	10/16/76	70	8826	4842N 09735W	27.9	151.0	GGG			33	26
2633-16330	00000/0000	2-10023/0996	10/16/76	70	8826	4717N 09812W	29.0	150.0	GGGG			33	27
2633-16332	00000/0000	2-10023/0997	10/16/76	50	8826	4552N 09847W	30.0	149.1	GGGG			33	28
2633-16335	00000/0000	2-10023/0998	10/16/76	10	8826	4427N 09920W	31.1	148.2	FGGG			33	29
2633-16341	00000/0000	2-10023/0999	10/16/76	20	8826	4302N 09952W	32.1	147.3	GGGG			33	30
2633-16344	00000/0000	2-10023/1000	10/16/76	50	8826	4137N 10023W	33.1	146.3	GGGG			33	31
2633-16350	00000/0000	2-10023/1001	10/16/76	10	8826	4012N 10054W	34.1	145.4	GGGG			33	32
2633-16353	00000/0000	2-10023/1002	10/16/76	10	8826	3846N 10123W	35.1	144.4	GGGG			33	33
2633-16355	00000/0000	2-10023/1003	10/16/76	10	8826	3721N 10151W	36.1	143.4	FGGG			33	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0334

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO. IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBV NUMBER
2633-16362	00000/0000	2-10023/1004	10/16/76	10	8826	3555N	10218W	37.1	142.4	FGGG			33	35
2633-16364	00000/0000	2-10023/1005	10/16/76	0	8826	3430N	10245W	38.0	141.4	GGGG			33	36
2633-16371	00000/0000	2-10023/1006	10/16/76	0	8826	3304N	10311W	39.0	140.3	GGGG			33	37
2633-16373	00000/0000	2-10023/1007	10/16/76	0	8826	3138N	10337W	39.9	139.2	FGGG			33	38
2633-16380	00000/0000	2-10023/1008	10/16/76	0	8826	3012N	10401W	40.8	138.1	GGGG			33	39
2633-16382	00000/0000	2-10023/1009	10/16/76	10	8826	2847N	10425W	41.7	136.9	GGGG			33	40
2633-16385	00000/0000	2-10023/1010	10/16/76	10	8826	2720N	10449W	42.5	135.7	GGGG			33	41
2633-18153	00000/0000	2-10023/0988	10/16/76	20	8827	5005N	12247W	26.8	151.9	GGG			51	25
2633-18155	00000/0000	2-10023/0989	10/16/76	20	8827	4842N	12326W	27.9	151.0	GGGF			51	26
2633-18162	00000/0000	2-10023/0990	10/16/76	10	8827	4717N	12402W	29.0	150.1	GGGG			51	27
2633-18164	00000/0000	2-10023/0991	10/16/76	10	8827	4551N	12437W	30.0	149.1	GGGG			51	28
2633-18171	00000/0000	2-10023/0992	10/16/76	10	8827	4426N	12510W	31.1	148.2	GGGG			51	29
2633-18173	00000/0000	2-10023/0993	10/16/76	60	8827	4301N	12542W	32.1	147.3	GGGF			51	30
2633-21352	00000/0000	2-10023/0942	10/16/76	40	8829	7154N	15446W	8.8	172.7	GGGG			87	9
2633-21354	00000/0000	2-10023/0943	10/16/76	50	8829	7038N	15704W	9.9	170.5	GGGG			87	10
2633-21361	00000/0000	2-10023/0944	10/16/76	50	8829	6921N	15905W	11.1	168.6	GGGG			87	11
2633-21363	00000/0000	2-10023/0945	10/16/76	90	8829	6802N	16055W	12.2	166.8	FGGG			87	12
2633-21370	00000/0000	2-10023/0946	10/16/76	90	8829	6643N	16233W	13.4	165.2	GGGG			87	13
2633-21372	00000/0000	2-10023/0947	10/16/76	100	8829	6522N	16401W	14.6	163.7	GGGG			87	14
2633-21381	00000/0000	2-10023/0948	10/16/76	90	8829	6239N	16625W	16.8	161.1	GGGG			87	16
2633-21384	00000/0000	2-10023/0949	10/16/76	90	8829	6117N	16743W	17.9	159.9	GGF			87	17
2633-21390	00000/0000	2-10023/0950	10/16/76	100	8829	5954N	16846W	19.0	158.8	GGFG			87	18
2633-21393	00000/0000	2-10023/0951	10/16/76	90	8829	5831N	16944W	20.2	157.7	GGGG			87	19
2633-21395	00000/0000	2-10023/0952	10/16/76	70	8829	5708N	17037W	21.3	156.7	GGGG			87	20
2633-21402	00000/0000	2-10023/0953	10/16/76	80	8829	5545N	17127W	22.4	155.7	GGGG			87	21
2633-21404	00000/0000	2-10023/0954	10/16/76	90	8829	5421N	17214W	23.5	154.7	GGGG			87	22
2633-21411	00000/0000	2-10023/0955	10/16/76	100	8829	5257N	17259W	24.6	153.8	GGGG			87	23
2633-21413	00000/0000	2-10023/0956	10/16/76	100	8829	5132N	17343W	25.7	152.8	GGGG			87	24
2634-14550	00000/0000	2-10023/1061	10/17/76	90	8839	4842N	07314W	27.6	151.1	GGGG			16	26
2634-14553	00000/0000	2-10023/1062	10/17/76	90	8839	4717N	07351W	28.7	150.2	GGGG			16	27
2634-14555	00000/0000	2-10023/1063	10/17/76	60	8839	4553N	07426W	29.7	149.3	GGGG			16	28
2634-14562	00000/0000	2-10023/1064	10/17/76	50	8839	4427N	07459W	30.8	148.4	GGGG			16	29
2634-14564	00000/0000	2-10023/1065	10/17/76	50	8839	4302N	07532W	31.8	147.5	GGGG			16	30
2634-14571	00000/0000	2-10023/1066	10/17/76	90	8839	4137N	07602W	32.8	146.6	FGFG			16	31
2634-14573	2-10023/1420	2-10023/1067	10/17/76	90	8839	4012N	07632W	33.8	145.6	PFF GGGF			16	32
2634-14580	2-10023/1421	2-10023/1068	10/17/76	100	8839	3847N	07701W	34.8	144.6	FPP GGGF			16	33

KEYS: CLOUD COVER : ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=18% GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
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FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0335

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO. IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2634-14582	00000/0000	2-10023/1069	10/17/76	100	8839	3722N	07728W	35.8	143.7	FGFG			16	34
2634-14585	00000/0000	2-10023/1070	10/17/76	100	8839	3556N	07755W	36.8	142.7	GGFG			16	35
2634-14591	00000/0000	2-10023/1071	10/17/76	100	8839	3430N	07822W	37.8	141.6	GGGG			16	36
2634-14594	00000/0000	2-10023/1072	10/17/76	100	8839	3304N	07847W	38.7	140.6	FGGG			16	37
2634-15000	00000/0000	2-10023/1073	10/17/76	100	8839	3138N	07913W	39.6	139.5	GGFF			16	38
2634-15003	00000/0000	2-10023/1074	10/17/76	90	8839	3012N	07938W	40.5	138.4	GGGG			16	39
2634-15005	00000/0000	2-10023/1075	10/17/76	70	8839	2846N	08003W	41.4	137.2	GGGG			16	40
2634-15012	00000/0000	2-10023/1076	10/17/76	30	8839	2720N	08027W	42.3	136.0	GGGG			16	41
2634-15014	00000/0000	2-10023/1077	10/17/76	20	8839	2554N	08050W	43.1	134.8	GGGG			16	42
2634-15021	00000/0000	2-10023/1078	10/17/76	40	8839	2428N	08113W	43.9	133.6	GGGF			16	43
2634-16375	00000/0000	2-10023/0972	10/17/76	20	8840	5007N	09823W	26.5	152.0	FGGG			34	25
2634-16382	00000/0000	2-10023/0973	10/17/76	20	8840	4842N	09901W	27.6	151.1	FGGG			34	26
2634-16384	00000/0000	2-10023/0974	10/17/76	20	8840	4717N	09937W	28.6	150.2	FGGG			34	27
2634-16391	00000/0000	2-10023/0975	10/17/76	10	8840	4552N	10013W	29.7	149.3	FGFG			34	28
2634-16393	00000/0000	2-10023/0976	10/17/76	70	8840	4427N	10047W	30.7	148.4	FGGG			34	29
2634-16400	00000/0000	2-10023/0977	10/17/76	60	8840	4302N	10119W	31.8	147.5	GGGG			34	30
2634-16402	00000/0000	2-10023/0978	10/17/76	80	8840	4137N	10150W	32.8	146.6	GGGG			34	31
2634-16405	00000/0000	2-10023/0979	10/17/76	80	8840	4012N	10220W	33.8	145.6	FGGG			34	32
2634-16411	00000/0000	2-10023/0980	10/17/76	90	8840	3847N	10250W	34.8	144.7	GGGG			34	33
2634-16414	00000/0000	2-10023/0981	10/17/76	70	8840	3721N	10318W	35.8	143.7	GGGG			34	34
2634-16420	00000/0000	2-10023/0982	10/17/76	30	8840	3556N	10345W	36.8	142.7	FGGG			34	35
2634-16423	00000/0000	2-10023/0983	10/17/76	0	8840	3430N	10411W	37.7	141.7	GGGF			34	36
2634-16425	00000/0000	2-10023/0984	10/17/76	0	8840	3304N	10438W	38.7	140.6	GGGG			34	37
2634-16432	00000/0000	2-10023/0985	10/17/76	10	8840	3138N	10503W	39.6	139.5	GGGG			34	38
2634-16434	00000/0000	2-10023/0986	10/17/76	10	8840	3013N	10527W	40.5	138.4	GGGG			34	39
2634-16441	00000/0000	2-10023/0987	10/17/76	0	8840	2847N	10552W	41.4	137.2	GGGG			34	40
2634-18211	00000/0000	2-10023/0968	10/17/76	10	8841	5006N	12414W	26.5	152.0	GGGF			52	25
2634-18213	00000/0000	2-10023/0969	10/17/76	10	8841	4842N	12452W	27.6	151.1	GGGF			52	26
2634-18220	00000/0000	2-10023/0970	10/17/76	10	8841	4717N	12528W	28.6	150.2	GGFF			52	27
2634-18222	00000/0000	2-10023/0971	10/17/76	0	8841	4552N	12603W	29.7	149.3	FGGF			52	28
2634-21410	00000/0000	2-10023/1079	10/17/76	70	8843	7151N	15619W	8.5	172.7	GGGG			88	9
2634-21412	00000/0000	2-10023/1080	10/17/76	90	8843	7034N	15836W	9.6	170.5	GGGG			88	10
2634-21415	00000/0000	2-10023/1081	10/17/76	90	8843	6917N	16037W	10.8	168.6	GGGG			88	11
2634-21421	00000/0000	2-10023/1082	10/17/76	90	8843	6759N	16227W	11.9	166.8	GGGG			88	12
2634-21424	00000/0000	2-10023/1083	10/17/76	80	8843	6639N	16404W	13.1	165.2	GGGG			88	13
2634-21430	00000/0000	2-10023/1084	10/17/76	80	8843	6518N	16533W	14.2	163.7	GGGG			88	14

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
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FROM 01/22/76 TO 01/22/77

PAGE 0336

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	MSS QUAL MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2634-21433	00000/0000	2-10023/1085	10/17/76	80	8843	6357N	16652W	15.3	162.4	GGGG			88	15
2634-21435	00000/0000	2-10023/1086	10/17/76	90	8843	6236N	16805W	16.5	161.1	GGGG			88	16
2634-21442	00000/0000	2-10023/1087	10/17/76	90	8843	6114N	16913W	17.6	160.0	GGGG			88	17
2634-21444	00000/0000	2-10023/1088	10/17/76	80	8843	5952N	17016W	18.7	158.8	GGGF			88	18
2634-21451	00000/0000	2-10023/1089	10/17/76	90	8843	5828N	17115W	19.9	157.8	GGGG			88	19
2634-21453	00000/0000	2-10023/1090	10/17/76	90	8843	5705N	17209W	21.0	156.8	GGGG			88	20
2634-21460	00000/0000	2-10023/1091	10/17/76	90	8843	5542N	17259W	22.1	155.8	GGGG			88	21
2634-21462	00000/0000	2-10023/1092	10/17/76	90	8843	5418N	17346W	23.2	154.8	GGGG			88	22
2634-21465	00000/0000	2-10023/1093	10/17/76	90	8843	5253N	17430W	24.3	153.9	GGGG			88	23
2634-21471	00000/0000	2-10023/1094	10/17/76	90	8843	5129N	17512W	25.4	153.0	GGGG			88	24
2635-15004	00000/0000	2-10023/1011	10/18/76	90	8853	4837N	07442W	27.3	151.2	GGGG			17	26
2635-15011	00000/0000	2-10023/1012	10/18/76	90	8853	4712N	07518W	28.4	150.3	GGGG			17	27
2635-15013	00000/0000	2-10023/1013	10/18/76	60	8853	4547N	07552W	29.5	149.5	FGGG			17	28
2635-15020	00000/0000	2-10023/1014	10/18/76	50	8853	4422N	07626W	30.5	148.6	GGGG			17	29
2635-15022	00000/0000	2-10023/1015	10/18/76	70	8853	4257N	07658W	31.5	147.6	GGGG			17	30
2635-15025	00000/0000	2-10023/1016	10/18/76	40	8853	4132N	07729W	32.6	146.7	GGGG			17	31
2635-15031	2-10023/1422	2-10023/1017	10/18/76	20	8853	4006N	07759W	33.6	145.8	FFF GGGG			17	32
2635-15034	2-10023/1423	2-10023/1018	10/18/76	10	8853	3841N	07829W	34.6	144.8	FFF GGGG			17	33
2635-15040	00000/0000	2-10023/1019	10/18/76	10	8853	3715N	07857W	35.6	143.9	FGGG			17	34
2635-15043	00000/0000	2-10023/1020	10/18/76	0	8853	3550N	07925W	36.6	142.9	GGGG			17	35
2635-15045	00000/0000	2-10023/1021	10/18/76	0	8853	3424N	07951W	37.5	141.8	FGGG			17	36
2635-15052	00000/0000	2-10023/1022	10/18/76	10	8853	3258N	08017W	38.5	140.8	GGGF			17	37
2635-15054	00000/0000	2-10023/1023	10/18/76	50	8853	3133N	08043W	39.4	139.7	GGGG			17	38
2635-15061	00000/0000	2-10023/1024	10/18/76	80	8853	3006N	08108W	40.3	138.6	GGGG			17	39
2635-15072	00000/0000	2-10023/1025	10/18/76	30	8853	2548N	08218W	42.9	135.1	GGGG			17	42
2635-15075	00000/0000	2-10023/1026	10/18/76	10	8853	2422N	08240W	43.7	133.9	FFGG			17	43
2635-16440	00000/0000	2-10023/1027	10/18/76	40	8854	4842N	10030W	27.2	151.3	FFGG			35	26
2635-16442	00000/0000	2-10023/1028	10/18/76	50	8854	4717N	10106W	28.3	150.4	GGGG			35	27
2635-16445	00000/0000	2-10023/1029	10/18/76	100	8854	4552N	10141W	29.4	149.5	FGGG			35	28
2635-16451	00000/0000	2-10023/1030	10/18/76	90	8854	4427N	10215W	30.4	148.6	GGGG			35	29
2635-16454	00000/0000	2-10023/1031	10/18/76	90	8854	4302N	10247W	31.5	147.7	FGGG			35	30
2635-16460	00000/0000	2-10023/1032	10/18/76	50	8854	4137N	10318W	32.5	146.8	GGGG			35	31
2635-16463	00000/0000	2-10023/1033	10/18/76	20	8854	4012N	10348W	33.5	145.9	GGGG			35	32
2635-16465	00000/0000	2-10023/1034	10/18/76	70	8854	3846N	10417W	34.5	144.9	GGGG			35	33
2635-16472	00000/0000	2-10023/1035	10/18/76	50	8854	3720N	10445W	35.5	143.9	GGGF			35	34
2635-16474	00000/0000	2-10023/1036	10/18/76	40	8854	3555N	10512W	36.5	142.9	GGGP			35	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0337

OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV	DATE ACQUIRED	CLBD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2635-15481	00000/0000 2-10023/1037	10/18/76	60	8854	3430N	10539W	37.4	141.9	GGGG			35	36
2635-16483	00000/0000 2-10023/1038	10/18/76	40	8854	3304N	10605W	38.4	140.9	GGGG			35	37
2635-16490	00000/0000 2-10023/1039	10/18/76	20	8854	3138N	10631W	39.3	139.8	GGGG			35	38
2635-16492	00000/0000 2-10023/1040	10/18/76	30	8854	3012N	10656W	40.2	138.7	GGGG			35	39
2635-18265	00000/0000 2-10023/1041	10/18/76	10	8855	5006N	12539W	26.1	152.2	FFGG			53	25
2635-18271	00000/0000 2-10023/1042	10/18/76	10	8855	4842N	12417W	27.2	151.3	FFFG			53	26
2635-21464	00000/0000 2-10023/1095	10/18/76	20	8857	7150N	15747W	8.1	172.7	GGFG			89	9
2635-21471	00000/0000 2-10023/1096	10/18/76	90	8857	7034N	16004W	9.3	170.6	GGGG			89	10
2635-21473	00000/0000 2-10023/1097	10/18/76	80	8857	6916N	16206W	10.4	168.6	GGGG			89	11
2635-21480	00000/0000 2-10023/1098	10/18/76	90	8857	6758N	16354W	11.6	166.9	GGGG			89	12
2635-21482	00000/0000 2-10023/1099	10/18/76	90	8857	6638N	16532W	12.7	165.3	GGGG			89	13
2635-21485	00000/0000 2-10023/1100	10/18/76	90	8857	6517N	16700W	13.9	163.8	GGGG			89	14
2635-21491	00000/0000 2-10023/1101	10/18/76	90	8857	6356N	16820W	15.0	162.5	GGGG			89	15
2635-21494	00000/0000 2-10023/1102	10/18/76	90	8857	6235N	16933W	16.1	161.2	GGGG			89	16
2635-21500	00000/0000 2-10023/1103	10/18/76	90	8857	6113N	17040W	17.3	160.0	GGGG			89	17
2635-21503	00000/0000 2-10023/1104	10/18/76	90	8857	5950N	17142W	18.4	158.9	GGGG			89	18
2635-21505	00000/0000 2-10023/1105	10/18/76	90	8857	5828N	17240W	19.5	157.9	GGGG			89	19
2635-21512	00000/0000 2-10023/1106	10/18/76	80	8857	5705N	17334W	20.6	156.9	GGGG			89	20
2635-21514	00000/0000 2-10023/1107	10/18/76	90	8857	5541N	17424W	21.7	155.9	GGGG			89	21
2635-21521	00000/0000 2-10023/1108	10/18/76	70	8857	5418N	17511W	22.8	155.0	GGGG			89	22
2635-21523	00000/0000 2-10023/1109	10/18/76	40	8857	5253N	17555W	23.9	154.0	GGGG			89	23
2636-15062	00000/0000 2-10023/1043	10/19/76	90	8867	4842N	07603W	26.9	151.5	GGGG			18	26
2636-15065	00000/0000 2-10023/1044	10/19/76	90	8867	4717N	07639W	28.0	150.6	GGGG			18	27
2636-15071	00000/0000 2-10023/1045	10/19/76	90	8867	4552N	07715W	29.1	149.7	GGGG			18	28
2636-15074	00000/0000 2-10023/1046	10/19/76	90	8867	4427N	07749W	30.1	148.8	GGGG			18	29
2636-15080	00000/0000 2-10023/1047	10/19/76	90	8867	4302N	07822W	31.2	147.9	GGGG			18	30
2636-15083	00000/0000 2-10023/1048	10/19/76	80	8867	4137N	07852W	32.2	147.0	GGGG			18	31
2636-15085	00000/0000 2-10023/1049	10/19/76	40	8867	4012N	07922W	33.2	146.1	GGGG			18	32
2636-15092	00000/0000 2-10023/1050	10/19/76	40	8867	3846N	07952W	34.2	145.1	GGGG			18	33
2636-15094	00000/0000 2-10023/1051	10/19/76	50	8867	3721N	08020W	35.2	144.2	GGGG			18	34
2636-15101	00000/0000 2-10023/1052	10/19/76	90	8867	3556N	08048W	36.2	143.2	GGGG			18	35
2636-15103	00000/0000 2-10023/1053	10/19/76	90	8867	3430N	08115W	37.2	142.2	GGGG			18	36
2636-15110	00000/0000 2-10023/1054	10/19/76	40	8867	3304N	08140W	38.1	141.2	GGGG			18	37
2636-15112	00000/0000 2-10023/1055	10/19/76	80	8867	3138N	08205W	39.1	140.1	GGGG			18	38
2636-15115	00000/0000 2-10023/1056	10/19/76	30	8867	3013N	08230W	40.0	139.0	GGGG			18	39
2636-15121	00000/0000 2-10023/1057	10/19/76	50	8867	2847N	08254W	40.9	137.9	GGGG			18	40

KEYS: CLBD COVER % ..... 0 TO 100 = % CLBD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0338

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2636-15124	00000/0000	2-10023/1058	10/19/76	20	8867	2721N	08318W	41.8	136.7	GFGF			18	41
2636-15130	00000/0000	2-10023/1059	10/19/76	30	8867	2555N	08341W	42.6	135.6	GGGG			18	42
2636-15133	00000/0000	2-10023/1060	10/19/76	30	8867	2429N	08404W	43.5	134.3	GFGG			18	43
2636-16492	00000/0000	2-10023/1187	10/19/76	90	8868	5007N	10115W	25.8	152.4	GGGG			36	25
2636-16494	00000/0000	2-10023/1188	10/19/76	70	8868	4842N	10154W	26.9	151.5	GGGG			36	26
2636-16501	00000/0000	2-10023/1189	10/19/76	40	8868	4717N	10230W	28.0	150.6	GGGG			36	27
2636-16503	00000/0000	2-10023/1190	10/19/76	40	8868	4552N	10305W	29.0	149.7	GGGG			36	28
2636-16510	00000/0000	2-10023/1191	10/19/76	40	8868	4427N	10339W	30.1	148.8	GGGG			36	29
2636-16512	00000/0000	2-10023/1192	10/19/76	20	8868	4302N	10411W	31.1	147.9	GGGG			36	30
2636-16515	00000/0000	2-10023/1193	10/19/76	10	8868	4137N	10442W	32.2	147.0	GGGG			36	31
2636-16521	00000/0000	2-10023/1194	10/19/76	0	8868	4012N	10512W	33.2	146.1	GGGG			36	32
2636-16524	00000/0000	2-10023/1195	10/19/76	0	8868	3846N	10541W	34.2	145.1	GGGG			36	33
2636-16530	00000/0000	2-10023/1196	10/19/76	0	8868	3721N	10609W	35.2	144.2	GGGG			36	34
2636-16533	00000/0000	2-10023/1197	10/19/76	0	8868	3555N	10638W	36.2	143.2	GGGG			36	35
2636-16535	00000/0000	2-10023/1198	10/19/76	0	8868	3429N	10704W	37.2	142.2	GGGG			36	36
2636-16542	00000/0000	2-10023/1199	10/19/76	0	8868	3304N	10730W	38.1	141.2	GGGG			36	37
2636-16544	00000/0000	2-10023/1200	10/19/76	0	8868	3138N	10756W	39.0	140.1	GGGG			36	38
2636-16551	00000/0000	2-10023/1201	10/19/76	10	8868	3013N	10821W	40.0	139.0	GGGG			36	39
2636-21531	00000/0000	2-10023/1136	10/19/76	20	8871	6919N	16326W	10.0	168.7	FFFF			90	11
2636-21534	00000/0000	2-10023/1137	10/19/76	40	8871	6801N	16515W	11.2	167.0	FFFF			90	12
2636-21540	00000/0000	2-10023/1138	10/19/76	50	8871	6641N	16652W	12.3	165.4	FFFF			90	13
2636-21543	00000/0000	2-10023/1139	10/19/76	90	8871	6521N	16821W	13.5	163.9	FGGG			90	14
2636-21545	00000/0000	2-10023/1140	10/19/76	80	8871	6400N	16942W	14.6	162.6	FFGG			90	15
2636-21552	00000/0000	2-10023/1141	10/19/76	80	8871	6238N	17055W	15.7	161.4	FFFG			90	16
2636-21554	00000/0000	2-10023/1142	10/19/76	90	8871	6116N	17202W	16.9	160.2	FFFG			90	17
2636-21561	00000/0000	2-10023/1143	10/19/76	90	8871	5954N	17304W	18.0	159.1	FFFG			90	18
2636-21563	00000/0000	2-10023/1144	10/19/76	90	8871	5831N	17401W	19.1	158.0	FFFG			90	19
2636-21570	00000/0000	2-10023/1145	10/19/76	90	8871	5708N	17456W	20.2	157.0	FGGG			90	20
2636-21572	00000/0000	2-10023/1146	10/19/76	90	8871	5545N	17547W	21.4	156.1	GGGG			90	21
2636-21575	00000/0000	2-10023/1147	10/19/76	90	8871	5421N	17634W	22.5	155.1	FGGG			90	22
2636-21581	00000/0000	2-10023/1148	10/19/76	80	8871	5257N	17719W	23.6	154.2	FGGG			90	23
2636-21584	00000/0000	2-10023/1149	10/19/76	70	8871	5133N	17802W	24.7	153.3	FGGG			90	24
2637-15121	00000/0000	2-10023/1150	10/20/76	40	8881	4841N	07731W	26.6	151.6	GGGG			19	26
2637-15123	00000/0000	2-10023/1151	10/20/76	100	8881	4717N	07807W	27.7	150.7	GGGG			19	27
2637-15130	00000/0000	2-10023/1152	10/20/76	100	8881	4552N	07842W	28.8	149.9	GFGG			19	28
2637-15132	00000/0000	2-10023/1153	10/20/76	90	8881	4427N	07915W	29.8	149.0	GGGG			19	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=RANDOM NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0339

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBV NUMBER
2637-15135	00000/0000	2-10023/1154	10/20/76	80	8881	4302N	07947W	30.9	148.1	GGGG		19	30
2637-15141	00000/0000	2-10023/1155	10/20/76	90	8881	4137N	08019W	31.9	147.2	GGGG		19	31
2637-15144	00000/0000	2-10023/1156	10/20/76	100	8881	4012N	08049W	32.9	146.3	GGGG		19	32
2637-15150	00000/0000	2-10023/1157	10/20/76	90	8881	3846N	08118W	33.9	145.4	GGGG		19	33
2637-15153	00000/0000	2-10023/1158	10/20/76	90	8881	3721N	08146W	34.9	144.4	GGGG		19	34
2637-15155	00000/0000	2-10023/1159	10/20/76	100	8881	3555N	08213W	35.9	143.4	GGGG		19	35
2637-15162	00000/0000	2-10023/1160	10/20/76	90	8881	3429N	08240W	36.9	142.4	GGGG		19	36
2637-15164	00000/0000	2-10023/1161	10/20/76	90	8881	3304N	08306W	37.8	141.4	GGGG		19	37
2637-15171	00000/0000	2-10023/1162	10/20/76	90	8881	3138N	08332W	38.8	140.4	GGGG		19	38
2637-15173	00000/0000	2-10023/1163	10/20/76	80	8881	3012N	08357W	39.7	139.3	GGGG		19	39
2637-15180	00000/0000	2-10023/1164	10/20/76	70	8881	2846N	08421W	40.6	138.2	GGGG		19	40
2637-15182	00000/0000	2-10023/1165	10/20/76	60	8881	2721N	08444W	41.5	137.1	GGGG		19	41
2637-16550	00000/0000	2-10023/1172	10/20/76	90	8882	5006N	10242W	25.5	152.5	GGG		37	25
2637-16552	00000/0000	2-10023/1173	10/20/76	30	8882	4841N	10321W	26.6	151.6	FGGG		37	26
2637-16555	00000/0000	2-10023/1174	10/20/76	10	8882	4717N	10358W	27.7	150.8	GGGG		37	27
2637-16561	00000/0000	2-10023/1175	10/20/76	40	8882	4552N	10433W	28.7	149.9	GGGG		37	28
2637-16564	00000/0000	2-10023/1176	10/20/76	60	8882	4427N	10506W	29.8	149.0	GGGG		37	29
2637-16570	00000/0000	2-10023/1177	10/20/76	10	8882	4301N	10538W	30.8	148.1	GGGG		37	30
2637-16573	00000/0000	2-10023/1178	10/20/76	0	8882	4136N	10609W	31.9	147.2	GGGG		37	31
2637-16575	00000/0000	2-10023/1179	10/20/76	0	8882	4011N	10639W	32.9	146.3	GGGG		37	32
2637-16582	00000/0000	2-10023/1180	10/20/76	0	8882	3845N	10708W	33.9	145.4	GGGG		37	33
2637-16584	00000/0000	2-10023/1181	10/20/76	0	8882	3720N	10736W	34.9	144.4	GGGG		37	34
2637-16591	00000/0000	2-10023/1182	10/20/76	20	8882	3555N	10803W	35.9	143.5	GGGG		37	35
2637-16593	00000/0000	2-10023/1183	10/20/76	50	8882	3429N	10830W	36.9	142.5	GGGG		37	36
2637-17000	00000/0000	2-10023/1184	10/20/76	10	8882	3304N	10856W	37.8	141.4	GGGG		37	37
2637-17002	00000/0000	2-10023/1185	10/20/76	30	8882	3138N	10921W	38.8	140.4	GGGG		37	38
2637-17005	00000/0000	2-10023/1186	10/20/76	70	8882	3013N	10945W	39.7	139.3	GGGG		37	39
2637-21585	00000/0000	2-10023/0853	10/20/76	20	8885	6919N	16453W	9.7	168.8	FFFG		91	11
2637-21592	00000/0000	2-10023/0854	10/20/76	20	8885	6800N	16642W	10.8	167.0	FGGG		91	12
2637-21594	00000/0000	2-10023/0855	10/20/76	40	8885	6640N	16819W	12.0	165.5	FGGG		91	13
2637-22001	00000/0000	2-10023/0856	10/20/76	80	8885	6520N	16948W	13.1	164.0	GGGG		91	14
2637-22003	00000/0000	2-10023/0857	10/20/76	90	8885	6400N	17107W	14.3	162.7	FGGG		91	15
2637-22042	00000/0000	2-10023/0858	10/20/76	90	8885	5132N	17927W	24.3	153.4	GGGG		91	24
2638-15175	00000/0000	2-10023/1218	10/21/76	90	8895	4841N	07857W	26.3	151.8	GGGG		20	26
2638-15181	00000/0000	2-10023/1219	10/21/76	90	8895	4717N	07932W	27.4	150.9	GGGG		20	27
2638-15184	00000/0000	2-10023/1220	10/21/76	70	8895	4552N	08007W	28.4	150.0	GGGG		20	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
MSS IMAGE GAIN ..... (BLANK)=1BW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0340

OBSERVATION ID	MICROFILM POSITION RBV	RAIL NO./ IN RAIL MSS	DATE ACQUIRED	CLBUD COVER	SRBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SRBIT PATH NUMBER	FRAME ROW- NUMBER
2638-15190	00000/0000	2-10023/1221	10/21/76	70	8895	4427N	08041W	29.5	149.2	GGGG			20	29
2638-15193	00000/0000	2-10023/1222	10/21/76	70	8895	4302N	08113W	30.5	148.3	GGGG			20	30
2638-15195	00000/0000	2-10023/1223	10/21/76	90	8895	4136N	08144W	31.6	147.4	GGGG			20	31
2638-15202	00000/0000	2-10023/1224	10/21/76	70	8895	4011N	08215W	32.6	146.5	GGGG			20	32
2638-15204	00000/0000	2-10023/1225	10/21/76	60	8895	3846N	08244W	33.6	145.6	GGGG			20	33
2638-15211	00000/0000	2-10023/1226	10/21/76	30	8895	3720N	08313W	34.6	144.6	GGGG			20	34
2638-15213	00000/0000	2-10023/1227	10/21/76	20	8895	3555N	08341W	35.6	143.7	GGGG			20	35
2638-15220	00000/0000	2-10023/1228	10/21/76	10	8895	3429N	08408W	36.6	142.7	GGGG			20	36
2638-15222	00000/0000	2-10023/1229	10/21/76	0	8895	3303N	08434W	37.6	141.7	GGGG			20	37
2638-15225	00000/0000	2-10023/1230	10/21/76	0	8895	3138N	08459W	38.5	140.7	GGGG			20	38
2638-15231	00000/0000	2-10023/1231	10/21/76	10	8895	3012N	08524W	39.4	139.6	GGGG			20	39
2638-15234	00000/0000	2-10023/1232	10/21/76	40	8895	2846N	08547W	40.3	138.5	GG G			20	40
2638-15240	00000/0000	2-10023/1233	10/21/76	50	8895	2720N	08610W	41.2	137.4	GGGG			20	41
2638-17010	00000/0000	2-10023/1242	10/21/76	10	8896	4841N	10447W	26.3	151.8	GGGG			38	26
2638-17013	00000/0000	2-10023/1243	10/21/76	10	8896	4716N	10523W	27.3	150.9	GGGG			38	27
2638-17015	00000/0000	2-10023/1244	10/21/76	10	8896	4551N	10558W	28.4	150.1	GGGG			38	28
2638-17022	00000/0000	2-10023/1245	10/21/76	0	8896	4426N	10632W	29.5	149.2	GGGG			38	29
2638-17024	00000/0000	2-10023/1246	10/21/76	10	8896	4301N	10705W	30.5	148.3	GGGG			38	30
2638-17031	00000/0000	2-10023/1247	10/21/76	0	8896	4136N	10736W	31.6	147.4	GGGG			38	31
2638-17033	00000/0000	2-10023/1248	10/21/76	0	8896	4011N	10806W	32.6	146.5	GGGG			38	32
2638-17040	00000/0000	2-10023/1249	10/21/76	10	8896	3846N	10835W	33.6	145.6	GGGG			38	33
2638-17042	00000/0000	2-10023/1250	10/21/76	30	8896	3720N	10903W	34.6	144.7	GGGG			38	34
2638-17045	00000/0000	2-10023/1251	10/21/76	60	8896	3555N	10930W	35.6	143.7	GGGG			38	35
2638-17051	00000/0000	2-10023/1252	10/21/76	90	8896	3430N	10956W	36.6	142.7	GGGG			38	36
2638-17054	00000/0000	2-10023/1253	10/21/76	50	8896	3304N	11021W	37.5	141.7	GGGG			38	37
2638-17060	00000/0000	2-10023/1254	10/21/76	40	8896	3139N	11046W	38.5	140.7	GGGG			38	38
2638-17063	00000/0000	2-10023/1255	10/21/76	40	8896	3013N	11110W	39.4	139.6	GGGG			38	39
2638-20224	00000/0000	2-10023/1234	10/21/76	60	8898	6520N	14524W	12.8	164.1	GGGG			74	14
2638-20230	00000/0000	2-10023/1235	10/21/76	20	8898	6359N	14644W	13.9	162.8	GGGG			74	15
2638-20242	00000/0000	2-10023/1236	10/21/76	90	8898	5953N	15007W	17.3	159.3	GGGG			74	16
2638-20244	00000/0000	2-10023/1237	10/21/76	70	8898	5831N	15105W	18.5	158.2	GGGG			74	17
2638-20251	00000/0000	2-10023/1238	10/21/76	90	8898	5707N	15200W	19.6	157.3	GGGG			74	18
2638-20253	00000/0000	2-10023/1239	10/21/76	80	8898	5544N	15250W	20.7	156.3	GGGG			74	19
2638-22053	00000/0000	2-10023/1240	10/21/76	90	8899	6640N	16945W	11.6	165.5	GGGG			92	21
2638-22055	00000/0000	2-10023/1241	10/21/76	80	8899	6520N	17114W	12.8	164.1	GGGG			92	22
2639-15233	00000/0000	2-10023/1202	10/22/76	90	8909	4842N	08024W	26.0	151.9	GGGG			21	26

KEYS: CLBUD COVER % ..... 0 TO 100 = % CLBUD COVER.  
 IMAGE QUALITY ..... BLANKS=NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0341

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2639-15240	00000/0000	2-10023/1203	10/22/76	70	8909	4717N	08100W	27.0	151.1	GGGG			21	27
2639-15242	00000/0000	2-10023/1204	10/22/76	30	8909	4552N	08135W	28.1	150.2	GGGG			21	28
2639-15245	00000/0000	2-10023/1205	10/22/76	50	8909	4427N	08208W	29.2	149.4	GGGG			21	29
2639-15251	00000/0000	2-10023/1206	10/22/76	20	8909	4302N	08240W	30.2	148.5	GGGG			21	30
2639-15254	00000/0000	2-10023/1207	10/22/76	20	8909	4136N	08311W	31.3	147.6	GGGG			21	31
2639-15260	00000/0000	2-10023/1208	10/22/76	10	8909	4011N	08341W	32.3	146.7	GGGG			21	32
2639-15263	00000/0000	2-10023/1209	10/22/76	0	8909	3846N	08409W	33.3	145.8	GGGG			21	33
2639-15265	00000/0000	2-10023/1210	10/22/76	0	8909	3721N	08437W	34.3	144.9	FGGG			21	34
2639-15272	00000/0000	2-10023/1211	10/22/76	0	8909	3555N	08505W	35.3	143.9	GGGG			21	35
2639-15274	00000/0000	2-10023/1212	10/22/76	0	8909	3430N	08531W	36.3	143.0	GGGG			21	36
2639-15281	00000/0000	2-10023/1213	10/22/76	10	8909	3304N	08557W	37.3	142.0	GGGG			21	37
2639-15283	00000/0000	2-10023/1214	10/22/76	10	8909	3139N	08622W	38.2	140.9	GGGG			21	38
2639-15290	00000/0000	2-10023/1215	10/22/76	10	8909	3013N	08647W	39.2	139.9	FGGG			21	39
2639-15292	00000/0000	2-10023/1216	10/22/76	10	8909	2847N	08712W	40.1	138.8	GGGG			21	40
2639-15295	00000/0000	2-10023/1217	10/22/76	10	8909	2721N	08736W	41.0	137.7	GGGG			21	41
2639-17062	00000/0000	2-10023/1256	10/22/76	80	8910	5005N	10635W	24.9	152.8	FFFF			39	25
2639-17065	00000/0000	2-10023/1257	10/22/76	70	8910	4841N	10614W	25.9	151.9	FFFF			39	26
2639-17071	00000/0000	2-10023/1258	10/22/76	60	8910	4716N	10650W	27.0	151.1	FFFF			39	27
2639-17074	00000/0000	2-10023/1259	10/22/76	70	8910	4551N	10725W	28.1	150.2	FFFF			39	28
2639-17080	00000/0000	2-10023/1260	10/22/76	30	8910	4426N	10758W	29.2	149.4	FFFF			39	29
2639-17083	00000/0000	2-10023/1261	10/22/76	20	8910	4302N	10831W	30.2	148.5	FFFF			39	30
2639-17085	00000/0000	2-10023/1262	10/22/76	10	8910	4136N	10902W	31.2	147.6	FFFF			39	31
2639-17092	00000/0000	2-10023/1263	10/22/76	20	8910	4010N	10932W	32.3	146.7	FFFF			39	32
2639-17094	00000/0000	2-10023/1264	10/22/76	50	8910	3845N	11001W	33.3	145.8	FFFF			39	33
2639-17101	00000/0000	2-10023/1265	10/22/76	40	8910	3720N	11028W	34.3	144.9	FFFF			39	34
2639-17103	00000/0000	2-10023/1266	10/22/76	70	8910	3555N	11056W	35.3	143.9	FFFF			39	35
2639-17110	00000/0000	2-10023/1267	10/22/76	70	8910	3429N	11122W	36.3	143.0	FFFF			39	36
2639-17112	00000/0000	2-10023/1268	10/22/76	60	8910	3304N	11147W	37.3	142.0	FFF			39	37
2639-17115	00000/0000	2-10023/1269	10/22/76	60	8910	3138N	11211W	38.2	141.0	FFF			39	38
2639-17121	00000/0000	2-10023/1270	10/22/76	50	8910	3011N	11236W	39.1	139.9	FFFF			39	39
2639-20273	00000/0000	2-10023/1282	10/22/76	70	8912	6800N	14346W	10.1	167.1	FGGG			75	12
2639-20275	00000/0000	2-10023/1283	10/22/76	90	8912	6641N	14524W	11.3	165.6	FGGG			75	13
2639-20282	00000/0000	2-10023/1284	10/22/76	90	8912	6521N	14652W	12.4	164.1	FGGG			75	14
2639-20284	00000/0000	2-10023/1285	10/22/76	70	8912	6400N	14812W	13.6	162.8	GGGG			75	15
2639-20291	00000/0000	2-10023/1286	10/22/76	10	8912	6238N	14925W	14.7	161.6	FGGG			75	16
2639-20293	00000/0000	2-10023/1287	10/22/76	30	8912	6116N	15032W	15.9	160.5	FGGG			75	17

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
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FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0342

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLBD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2639-20300	00000/0000	2-10023/1288	10/22/76	40	8912	5953N	15134W	17.0	159.4	FGGG			75	18
2639-20302	00000/0000	2-10023/1289	10/22/76	50	8912	5830N	15232W	18.1	158.3	FGFG			75	19
2639-20305	00000/0000	2-10023/1290	10/22/76	70	8912	5707N	15326W	19.2	157.4	FFGG			75	20
2639-20311	00000/0000	2-10023/1291	10/22/76	90	8912	5543N	15416W	20.4	156.4	GGGG			75	21
2639-22104	00000/0000	2-10023/1292	10/22/76	90	8913	6759N	16937W	10.1	167.1	GGGG			93	12
2639-22111	00000/0000	2-10023/1293	10/22/76	90	8913	6640N	17114W	11.3	165.6	GFGG			93	13
2639-22152	00000/0000	2-10023/1294	10/22/76	80	8913	5256N	17821E	22.6	154.6	FGGG			93	23
2640-15294	00000/0000	2-10023/1295	10/23/76	50	8923	4718N	08225W	26.7	151.2	GGGG			22	27
2640-15300	00000/0000	2-10023/1296	10/23/76	30	8923	4553N	08301W	27.8	150.4	FFGG			22	28
2640-15303	00000/0000	2-10023/1297	10/23/76	10	8923	4428N	08335W	28.9	149.5	FFGG			22	29
2640-15305	00000/0000	2-10023/1298	10/23/76	60	8923	4302N	08407W	29.9	148.7	GGGG			22	30
2640-15312	00000/0000	2-10023/1299	10/23/76	80	8923	4136N	08438W	1.0	147.8	GGGG			22	31
2640-15314	00000/0000	2-10023/1300	10/23/76	90	8923	4011N	08507W	32.0	146.9	GGGG			22	32
2640-15321	00000/0000	2-10023/1301	10/23/76	100	8923	3846N	08536W	33.0	146.0	FFFF			22	33
2640-15332	00000/0000	2-10023/1302	10/23/76	90	8923	3429N	08658W	36.0	143.2	GGFG			22	36
2640-15335	00000/0000	2-10023/1303	10/23/76	60	8923	3304N	08724W	37.0	142.2	GGGG			22	37
2640-15341	00000/0000	2-10023/1304	10/23/76	20	8923	3138N	08749W	37.9	141.2	GGGG			22	38
2640-15344	00000/0000	2-10023/1305	10/23/76	10	8923	3013N	08814W	38.9	140.2	GGGG			22	39
2640-15350	00000/0000	2-10023/1306	10/23/76	60	8923	2847N	08838W	39.8	139.1	GGGG			22	40
2640-17120	00000/0000	2-10023/1365	10/23/76	40	8924	5005N	10702W	24.5	152.9	GFGF			40	25
2640-17123	00000/0000	2-10023/1366	10/23/76	60	8924	4840N	10740W	25.6	152.1	GGGG			40	26
2640-17125	00000/0000	2-10023/1367	10/23/76	80	8924	4716N	10816W	26.7	151.2	GGGG			40	27
2640-17132	00000/0000	2-10023/1368	10/23/76	80	8924	4551N	10851W	27.8	150.4	GGGG			40	28
2640-17134	00000/0000	2-10023/1369	10/23/76	70	8924	4426N	10924W	28.8	149.5	GGGG			40	29
2640-17141	00000/0000	2-10023/1370	10/23/76	20	8924	4301N	10957W	29.9	148.7	FGGG			40	30
2640-17143	00000/0000	2-10023/1371	10/23/76	10	8924	4136N	11028W	30.9	147.8	GGGG			40	31
2640-17150	00000/0000	2-10023/1372	10/23/76	20	8924	4011N	11058W	32.0	146.9	GGGG			40	32
2640-17152	00000/0000	2-10023/1373	10/23/76	10	8924	3846N	11127W	33.0	146.0	GGGG			40	33
2640-17155	00000/0000	2-10023/1374	10/23/76	10	8924	3720N	11155W	34.0	145.1	GGGG			40	34
2640-17161	00000/0000	2-10023/1375	10/23/76	20	8924	3555N	11222W	35.0	144.2	GGGG			40	35
2640-17164	00000/0000	2-10023/1376	10/23/76	40	8924	3429N	11248W	36.0	143.2	GGGG			40	36
2640-17170	00000/0000	2-10023/1377	10/23/76	40	8924	3303N	11315W	37.0	142.2	GGGG			40	37
2640-17173	00000/0000	2-10023/1378	10/23/76	50	8924	3138N	11340W	37.9	141.2	GGGG			40	38
2640-20331	00000/0000	2-10023/1126	10/23/76	90	8926	6801N	14511W	9.8	167.2	GGGG			76	12
2640-20333	00000/0000	2-10023/1127	10/23/76	80	8926	6641N	14649W	10.9	165.6	GGGG			76	13
2640-20340	00000/0000	2-10023/1128	10/23/76	100	8926	6521N	14818W	12.1	164.2	GGGG			76	14

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01:29 APR 28, 1977

LANNSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0343

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2640-20342	00000/0000 2-10023/1129	10/23/76	80	8926	6400N	14938W	13.2	162.9	GGGG		76	15
2640-20345	00000/0000 2-10023/1130	10/23/76	10	8926	6238N	15052W	14.4	161.7	GGGG		76	16
2640-20351	00000/0000 2-10023/1131	10/23/76	30	8926	6116N	15159W	15.5	160.5	GGGG		76	17
2640-20354	00000/0000 2-10023/1132	10/23/76	50	8926	5953N	15301W	16.6	159.5	GGGG		76	18
2640-20360	00000/0000 2-10023/1133	10/23/76	50	8926	5831N	15358W	17.8	158.4	GGGG		76	19
2640-20363	00000/0000 2-10023/1134	10/23/76	90	8926	5707N	15452W	18.9	157.5	GGGG		76	20
2640-20365	00000/0000 2-10023/1135	10/23/76	100	8926	5544N	15542W	20.0	156.5	GGGG		76	21
2641-15350	00000/0000 2-10023/1336	10/24/76	90	8937	4810N	08329W	25.7	151.9	GGGG		23	26
2641-15353	00000/0000 2-10023/1337	10/24/76	70	8937	4646N	08404W	26.8	151.1	GGGG		23	27
2641-15355	00000/0000 2-10023/1338	10/24/76	80	8937	4522N	08437W	27.9	150.2	GGGG		23	28
2641-15362	00000/0000 2-10023/1339	10/24/76	90	8937	4357N	08510W	28.9	149.4	GGGG		23	29
2641-15364	00000/0000 2-10023/1340	10/24/76	90	8937	4232N	08543W	30.0	148.5	GGGG		23	30
2641-15371	00000/0000 2-10023/1341	10/24/76	90	8937	4106N	08614W	31.0	147.7	GGGG		23	31
2641-15373	00000/0000 2-10023/1342	10/24/76	90	8937	3941N	08644W	32.1	146.8	GGGG		23	32
2641-15380	00000/0000 2-10023/1343	10/24/76	100	8937	3815N	08712W	33.1	145.9	GGGG		23	33
2641-15382	00000/0000 2-10023/1344	10/24/76	100	8937	3650N	08740W	34.1	145.0	GGGG		23	34
2641-15385	00000/0000 2-10023/1345	10/24/76	100	8937	3524N	08807W	35.1	144.1	GGGG		23	35
2641-15391	00000/0000 2-10023/1346	10/24/76	100	8937	3359N	08833W	36.1	143.1	GGGG		23	36
2641-15394	00000/0000 2-10023/1347	10/24/76	100	8937	3233N	08858W	37.0	142.1	GGGG		23	37
2641-15400	00000/0000 2-10023/1348	10/24/76	90	8937	3108N	08923W	38.0	141.1	GGGG		23	38
2641-15403	00000/0000 2-10023/1349	10/24/76	80	8937	2943N	08948W	38.9	140.1	GGGG		23	39
2641-15405	00000/0000 2-10023/1350	10/24/76	50	8937	2816N	09012W	39.9	139.0	GGGG		23	40
2641-17175	00000/0000 2-10023/1307	10/24/76	70	8938	5005N	10828W	24.2	153.1	GGGG		41	25
2641-17181	00000/0000 2-10023/1308	10/24/76	80	8938	4840N	10906W	25.3	152.2	GGGG		41	26
2641-17184	00000/0000 2-10023/1309	10/24/76	20	8938	4715N	10942W	26.4	151.4	GGGG		41	27
2641-17190	00000/0000 2-10023/1310	10/24/76	10	8938	4551N	11017W	27.5	150.6	GGGG		41	28
2641-17193	00000/0000 2-10023/1311	10/24/76	20	8938	4426N	11051W	28.5	149.7	GGGG		41	29
2641-17195	00000/0000 2-10023/1312	10/24/76	20	8938	4301N	11123W	29.6	148.9	GGGG		41	30
2641-17202	00000/0000 2-10023/1313	10/24/76	10	8938	4136N	11154W	30.6	148.0	GGGG		41	31
2641-17204	00000/0000 2-10023/1314	10/24/76	10	8938	4011N	11224W	31.7	147.1	GGGG		41	32
2641-17211	00000/0000 2-10023/1315	10/24/76	10	8938	3846N	11253W	32.7	146.2	GGGG		41	33
2641-17213	00000/0000 2-10023/1316	10/24/76	10	8938	3720N	11322W	33.7	145.3	GGGG		41	34
2641-17220	00000/0000 2-10023/1317	10/24/76	10	8938	3554N	11349W	34.7	144.4	GGGG		41	35
2641-17222	00000/0000 2-10023/1318	10/24/76	10	8938	3428N	11415W	35.7	143.5	GGGG		41	36
2641-17225	00000/0000 2-10023/1319	10/24/76	0	8938	3302N	11440W	36.7	142.5	GGGG		41	37
2641-17231	00000/0000 2-10023/1320	10/24/76	10	8938	3137N	11505W	37.6	141.5	GGGG		41	38

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01:29 APR 28, 77

LANDSAT-2  
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FROM 01/22/76 TO 01/22/77

PAGE 0344

OBSERVATION ID	MICROFILM PSS, ISN RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN FLEV, AZIM,	IMAGE QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME ROW NUMBER
2641-20385	00000/0000	2-10023/1271	10/24/76	20	8940	6800N	14637W 9.5 167.2	FGGG		77	12
2641-20392	00000/0000	2-10023/1272	10/24/76	20	8940	6640N	14815W 10.6 165.7	FGGG		77	13
2641-20394	00000/0000	2-10023/1273	10/24/76	40	8940	6520N	14943W 11.8 164.3	FGGG		77	14
2641-20401	00000/0000	2-10023/1274	10/24/76	80	8940	6359N	15104W 12.9 163.0	FGGG		77	15
2641-20403	00000/0000	2-10023/1275	10/24/76	90	8940	6237N	15217W 14.0 161.7	FGGG		77	16
2641-20410	00000/0000	2-10023/1276	10/24/76	80	8940	6116N	15325W 15.2 160.6	GGGG		77	17
2641-20412	00000/0000	2-10023/1277	10/24/76	100	8940	5953N	15427W 16.3 159.5	GGGG		77	18
2641-20415	00000/0000	2-10023/1278	10/24/76	100	8940	5831N	15525W 17.4 158.5	GGGG		77	19
2641-20421	00000/0000	2-10023/1279	10/24/76	90	8940	5708N	15619W 18.6 157.6	FGGG		77	20
2641-20424	00000/0000	2-10023/1280	10/24/76	90	8940	5544N	15709W 19.7 156.6	GGGG		77	21
2641-20430	00000/0000	2-10023/1281	10/24/76	100	8940	5420N	15757W 20.8 155.7	FGGG		77	22
2642-15404	2-10023/1424	2-10023/1321	10/25/76	90	8951	4840N	08442W 25.0 162.3	GGG	GGGG	24	26
2642-15410	2-10023/1425	2-10023/1322	10/25/76	90	8951	4715N	08518W 26.1 151.5	GGG	GGGG	24	27
2642-15413	00000/0000	2-10023/1323	10/25/76	90	8951	4551N	08552W 27.2 150.7	GGGG		24	28
2642-15415	00000/0000	2-10023/1324	10/25/76	60	8951	4426N	08626W 28.2 149.9	GGGG		24	29
2642-15422	00000/0000	2-10023/1325	10/25/76	50	8951	4302N	08658W 29.3 149.0	FGGG		24	30
2642-15424	2-10023/1426	2-10023/1326	10/25/76	90	8951	4137N	08728W 30.4 148.1	GGG	GGGG	24	31
2642-15431	2-10023/1427	2-10023/1327	10/25/76	90	8951	4012N	08759W 31.4 147.3	GGG	GGGG	24	32
2642-15433	2-10023/1428	2-10023/1328	10/25/76	90	8951	3846N	08828W 32.5 146.4	GGG	GGGG	24	33
2642-15440	2-10023/1429	2-10023/1329	10/25/76	90	8951	3721N	08857W 33.5 145.5	GGG	GGGG	24	34
2642-15442	2-10023/1430	2-10023/1330	10/25/76	100	8951	3555N	08924W 34.5 144.6	GGG	GGGG	24	35
2642-15445	2-10023/1431	2-10023/1331	10/25/76	90	8951	3430N	08951W 35.5 143.6	GGG	GGGG	24	36
2642-15451	2-10023/1432	2-10023/1332	10/25/76	90	8951	3304N	09017W 36.5 142.7	GGG	GGGG	24	37
2642-15454	00000/0000	2-10023/1333	10/25/76	90	8951	3139N	09042W 37.4 141.7	GGGG		24	38
2642-15460	00000/0000	2-10023/1334	10/25/76	90	8951	3013N	09106W 38.3 140.7	GGGG		24	39
2642-15463	00000/0000	2-10023/1335	10/25/76	90	8951	2846N	09130W 39.3 139.7	GGGG		24	40
2642-17233	00000/0000	2-10023/1351	10/25/76	100	8952	5005N	10953W 23.9 153.2	FGGG		42	25
2642-17235	00000/0000	2-10023/1352	10/25/76	80	8952	4841N	11032W 25.0 152.4	GGGG		42	26
2642-17242	00000/0000	2-10023/1353	10/25/76	50	8952	4716N	11109W 26.1 151.5	GGGG		42	27
2642-17244	00000/0000	2-10023/1354	10/25/76	90	8952	4551N	11143W 27.1 150.7	GGGG		42	28
2642-17251	00000/0000	2-10023/1355	10/25/76	90	8952	4426N	11217W 28.2 149.9	GGGG		42	29
2642-17253	00000/0000	2-10023/1356	10/25/76	60	8952	4301N	11249W 29.3 149.0	GGGG		42	30
2642-17260	00000/0000	2-10023/1357	10/25/76	30	8952	4136N	11320W 30.3 148.2	GGGG		42	31
2642-17262	00000/0000	2-10023/1358	10/25/76	10	8952	4010N	11350W 31.4 147.3	GGGG		42	32
2642-17265	00000/0000	2-10023/1359	10/25/76	10	8952	3845N	11418W 32.4 146.4	GGGG		42	33
2642-17271	00000/0000	2-10023/1360	10/25/76	10	8952	3719N	11446W 33.4 145.5	GGGG		42	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LBW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0345

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LBNG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2642-17274	00000/0000	2-10023/1361	10/25/76	10	8952	3554N	11513W	34.4	144.6	GGGG			42	35
2642-17280	00000/0000	2-10023/1362	10/25/76	10	8952	3428N	11540W	35.4	143.7	GGGG			42	36
2642-17283	00000/0000	2-10023/1363	10/25/76	10	8952	3302N	11606W	36.4	142.7	GGGG			42	37
2642-17285	00000/0000	2-10023/1364	10/25/76	10	8952	3137N	11631W	37.4	141.7	GGGG			42	38
2642-20450	00000/0000	2-10024/0072	10/25/76	40	8954	6641N	14943W	10.3	165.7	PGGG			78	13
2642-20452	00000/0000	2-10024/0073	10/25/76	40	8954	6521N	15111W	11.4	164.3	GGGG			78	14
2642-20455	00000/0000	2-10024/0074	10/25/76	80	8954	6400N	15231W	12.6	163.0	GGGG			78	15
2642-20461	00000/0000	2-10024/0075	10/25/76	80	8954	6238N	15345W	13.7	161.8	GGGG			78	16
2642-20464	00000/0000	2-10024/0076	10/25/76	80	8954	6116N	15452W	14.8	160.7	GGGG			78	17
2642-20470	00000/0000	2-10024/0077	10/25/76	90	8954	5953N	15554W	16.0	159.6	GGGG			78	18
2642-20473	00000/0000	2-10024/0078	10/25/76	90	8954	5830N	15652W	17.1	158.6	GGGG			78	19
2642-20475	00000/0000	2-10024/0079	10/25/76	90	8954	5707N	15745W	18.2	157.7	GGGG			78	20
2642-20482	00000/0000	2-10024/0080	10/25/76	90	8954	5543N	15835W	19.4	156.7	GGGG			78	21
2642-20484	00000/0000	2-10024/0081	10/25/76	80	8954	5419N	15922W	20.5	155.8	GGGG			78	22
2642-22320	00000/0000	2-10024/0082	10/25/76	100	8955	5418N	17446E	20.5	155.8	GGGG			96	22
2643-15462	00000/0000	2-10023/1379	10/26/76	90	8965	4841N	08608W	24.7	152.5	FGGG			25	26
2643-15464	00000/0000	2-10023/1380	10/26/76	80	8965	4717N	08644W	25.8	151.7	GGGG			25	27
2643-15471	00000/0000	2-10023/1381	10/26/76	60	8965	4552N	08719W	26.8	150.8	GGGG			25	28
2643-15473	00000/0000	2-10023/1382	10/26/76	60	8965	4427N	08752W	27.9	150.0	GGGG			25	29
2643-15480	00000/0000	2-10023/1383	10/26/76	70	8965	4302N	08823W	29.0	149.2	GGGG			25	30
2643-15482	00000/0000	2-10023/1384	10/26/76	40	8965	4136N	08854W	30.0	148.3	GGGG			25	31
2643-15485	00000/0000	2-10023/1385	10/26/76	70	8965	4010N	08924W	31.1	147.5	GGGG			25	32
2643-15491	00000/0000	2-10023/1386	10/26/76	10	8965	3845N	08953W	32.1	146.6	GGGG			25	33
2643-15494	00000/0000	2-10023/1387	10/26/76	10	8965	3720N	09021W	33.1	145.7	GGGG			25	34
2643-15500	00000/0000	2-10023/1388	10/26/76	20	8965	3554N	09048W	34.1	144.8	FGGG			25	35
2643-15503	00000/0000	2-10023/1389	10/26/76	30	8965	3429N	09115W	35.1	143.9	GGGG			25	36
2643-15505	00000/0000	2-10023/1390	10/26/76	30	8965	3303N	09142W	36.1	143.0	GGGG			25	37
2643-15512	00000/0000	2-10023/1391	10/26/76	40	8965	3138N	09208W	37.1	142.0	GGGG			25	38
2643-15514	00000/0000	2-10023/1392	10/26/76	30	8965	3012N	09233W	38.1	141.0	GGGG			25	39
2643-15521	00000/0000	2-10023/1393	10/26/76	70	8965	2846N	09257W	39.0	139.9	GGGG			25	40
2643-17231	00000/0000	2-10023/1394	10/26/76	60	8966	5005N	11119W	23.6	153.3	FGGG			43	25
2643-17293	00000/0000	2-10023/1395	10/26/76	20	8966	4841N	11158W	24.6	152.5	FGGG			43	26
2643-17300	00000/0000	2-10023/1396	10/26/76	60	8966	4716N	11234W	25.7	151.7	GGGG			43	27
2643-17302	00000/0000	2-10023/1397	10/26/76	70	8966	4551N	11309W	26.8	150.9	GGGG			43	28
2643-17305	00000/0000	2-10023/1398	10/26/76	30	8966	4426N	11342W	27.9	150.0	GGGG			43	29
2643-17311	00000/0000	2-10023/1399	10/26/76	40	8966	4301N	11414W	29.0	149.2	GGGG			43	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
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FROM 01/22/76 TO 01/22/77

PAGE 0346

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2643-17314	00000/0000 2-10023/1400	10/26/76	50	8966	4135N	11445W	30.0 148.4	GGGG	43 31
2643-17320	00000/0000 2-10023/1401	10/26/76	50	8966	4010N	11514W	31.1 147.5	GGGG	43 32
2643-17323	00000/0000 2-10023/1402	10/26/76	40	8966	3844N	11543W	32.1 146.6	GGGG	43 33
2643-17325	00000/0000 2-10023/1403	10/26/76	20	8966	3719N	11610W	33.1 145.7	GGGG	43 34
2643-17332	00000/0000 2-10023/1404	10/26/76	10	8966	3554N	11638W	34.1 144.8	GGGG	43 35
2643-17334	00000/0000 2-10023/1405	10/26/76	10	8966	3428N	11705W	35.1 143.9	GGGG	43 36
2643-17341	00000/0000 2-10023/1406	10/26/76	10	8966	3302N	11731W	36.1 143.0	GGGG	43 37
2643-17343	00000/0000 2-10023/1407	10/26/76	30	8966	3136N	11756W	37.1 142.0	GGGG	43 38
2643-20504	00000/0000 2-10024/0001	10/26/76	100	8968	6641N	15106W	9.9 165.8	FFFF	79 13
2643-20511	00000/0000 2-10024/0002	10/26/76	90	8968	6520N	15235W	11.1 164.4	FFGG	79 14
2643-20513	00000/0000 2-10024/0003	10/26/76	70	8968	6400N	15355W	12.2 163.1	GGGG	79 15
2643-20520	00000/0000 2-10024/0004	10/26/76	40	8968	6238N	15508W	13.4 161.9	FFGG	79 16
2643-20522	00000/0000 2-10024/0005	10/26/76	50	8968	6116N	15616W	14.5 160.8	GGGF	79 17
2643-20525	00000/0000 2-10024/0006	10/26/76	40	8968	5954N	15718W	15.6 159.7	GGGG	79 18
2643-20531	00000/0000 2-10024/0007	10/26/76	50	8968	5831N	15816W	16.8 158.7	FFGG	79 19
2643-20534	00000/0000 2-10024/0008	10/26/76	70	8968	5707N	15910W	17.9 157.7	GGGG	79 20
2643-20540	00000/0000 2-10024/0009	10/26/76	80	8968	5544N	16000W	19.0 156.8	GGGG	79 21
2643-20543	00000/0000 2-10024/0010	10/26/76	70	8968	5419N	16049W	20.1 155.9	GGGG	79 22
2644-15520	00000/0000 2-10024/0011	10/27/76	30	8979	4841N	08734W	24.3 152.6	GGGG	26 26
2644-15523	00000/0000 2-10024/0012	10/27/76	50	8979	4716N	08811W	25.4 151.8	GGGG	26 27
2644-15525	00000/0000 2-10024/0013	10/27/76	10	8979	4551N	08846W	26.5 151.0	GGGG	26 28
2644-15532	00000/0000 2-10024/0014	10/27/76	0	8979	4427N	08920W	27.6 150.2	GGGG	26 29
2644-15534	00000/0000 2-10024/0015	10/27/76	10	8979	4302N	08952W	28.7 149.3	GGGG	26 30
2644-15541	00000/0000 2-10024/0016	10/27/76	10	8979	4137N	09023W	29.7 148.5	GGGG	26 31
2644-15543	00000/0000 2-10024/0017	10/27/76	40	8979	4011N	09052W	30.8 147.7	GGGG	26 32
2644-15550	00000/0000 2-10024/0018	10/27/76	70	8979	3846N	09121W	31.8 146.8	GGGG	26 33
2644-15552	00000/0000 2-10024/0019	10/27/76	90	8979	3721N	09148W	32.8 145.9	FFGG	26 34
2644-15555	00000/0000 2-10024/0020	10/27/76	100	8979	3555N	09215W	33.9 145.0	GGGG	26 35
2644-15561	00000/0000 2-10024/0021	10/27/76	90	8979	3429N	09241W	34.9 144.1	GGGG	26 36
2644-15564	00000/0000 2-10024/0022	10/27/76	70	8979	3303N	09308W	35.8 143.2	FFGG	26 37
2644-15570	00000/0000 2-10024/0023	10/27/76	80	8979	3136N	09333W	36.8 142.2	GGGG	26 38
2644-15573	00000/0000 2-10024/0024	10/27/76	100	8979	3011N	09358W	37.8 141.2	GGGG	26 39
2644-15575	00000/0000 2-10024/0025	10/27/76	100	8979	2846N	09422W	38.7 140.2	GGGG	26 40
2644-15582	00000/0000 2-10024/0026	10/27/76	100	8979	2720N	09446W	39.6 139.2	GGGG	26 41
2644-15584	00000/0000 2-10024/0043	10/27/76	90	8979	2554N	09509W	40.6 138.1	GGGG	26 42
2644-15591	00000/0000 2-10024/0044	10/27/76	90	8979	2428N	09532W	41.4 137.0	GGGG	26 43

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
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FROM 01/22/76 TO 01/22/77

PAGE 0347

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME RBW NUMBER
2644-17345	00000/0000	2-10024/0045	10/27/76	70	8980	5005N	11245W	23.2	153.5	GGGG		44	25
2644-17352	00000/0000	2-10024/0046	10/27/76	70	8980	4841N	11323W	24.3	152.8	GGGG		44	26
2644-17354	00000/0000	2-10024/0047	10/27/76	50	8980	4716N	11400W	25.4	151.8	GGGG		44	27
2644-17361	00000/0000	2-10024/0048	10/27/76	10	8980	4551N	11435W	26.5	151.0	GGGG		44	28
2644-17363	00000/0000	2-10024/0049	10/27/76	10	8980	4426N	11509W	27.6	150.2	GGGG		44	29
2644-17370	00000/0000	2-10024/0050	10/27/76	10	8980	4301N	11542W	28.6	149.4	GGGG		44	30
2644-17372	00000/0000	2-10024/0051	10/27/76	10	8980	4136N	11613W	29.7	148.5	GGGG		44	31
2644-17375	00000/0000	2-10024/0052	10/27/76	10	8980	4011N	11643W	30.8	147.7	GGGG		44	32
2644-17381	00000/0000	2-10024/0053	10/27/76	0	8980	3845N	11711W	31.8	146.8	GGGG		44	33
2644-17384	00000/0000	2-10024/0054	10/27/76	0	8980	3719N	11739W	32.8	145.9	GGGG		44	34
2644-17390	00000/0000	2-10024/0055	10/27/76	0	8980	3554N	11805W	33.8	145.1	GGGG		44	35
2644-17393	00000/0000	2-10024/0056	10/27/76	0	8980	3429N	11831W	34.8	144.1	GGGG		44	36
2644-20562	00000/0000	2-10024/0099	10/27/76	50	8982	6640N	15235W	9.6	165.8	GGFF		80	13
2644-20565	00000/0000	2-10024/0100	10/27/76	30	8982	6520N	15403W	10.7	164.4	GGFF		80	14
2644-20571	00000/0000	2-10024/0101	10/27/76	40	8982	6359N	15523W	11.9	163.1	GGFF		80	15
2644-20574	00000/0000	2-10024/0102	10/27/76	30	8982	6237N	15636W	13.0	161.9	GGFF		80	16
2644-20580	00000/0000	2-10024/0103	10/27/76	10	8982	6115N	15744W	14.2	160.8	GGFF		80	17
2644-20583	00000/0000	2-10024/0104	10/27/76	20	8982	5952N	15846W	15.3	159.8	GGFF		80	18
2644-20585	00000/0000	2-10024/0105	10/27/76	80	8982	5830N	15944W	16.4	158.8	GGFF		80	19
2644-20592	00000/0000	2-10024/0106	10/27/76	90	8982	5707N	16037W	17.6	157.8	GPFF		80	20
2644-20594	00000/0000	2-10024/0107	10/27/76	70	8982	5544N	16127W	18.7	156.9	GPFF		80	21
2644-21001	00000/0000	2-10024/0108	10/27/76	60	8982	5420N	16215W	19.8	156.0	GGGG		80	22
2645-14145	00000/0000	2-10024/0083	10/28/76	70	8992	4717N	06345W	25.1	151.9	GGG		9	27
2645-15574	00000/0000	2-10024/0084	10/28/76	20	8993	4841N	08900W	24.0	152.8	GGGG		27	26
2645-15581	00000/0000	2-10024/0085	10/28/76	40	8993	4716N	08937W	25.1	151.9	GGFF		27	27
2645-15583	00000/0000	2-10024/0086	10/28/76	10	8993	4551N	09012W	26.2	151.1	GGGG		27	28
2645-15590	00000/0000	2-10024/0087	10/28/76	10	8993	4426N	09045W	27.3	150.3	GGGG		27	29
2645-15592	00000/0000	2-10024/0088	10/28/76	0	8993	4301N	09117W	28.4	149.5	GGGG		27	30
2645-15595	00000/0000	2-10024/0089	10/28/76	10	8993	4137N	09148W	29.4	148.7	GGGG		27	31
2645-16001	00000/0000	2-10024/0090	10/28/76	10	8993	4012N	09217W	30.5	147.8	GGGG		27	32
2645-16004	00000/0000	2-10024/0091	10/28/76	10	8993	3847N	09245W	31.5	147.0	GGGG		27	33
2645-16010	00000/0000	2-10024/0092	10/28/76	10	8993	3722N	09313W	32.5	146.1	GGGG		27	34
2645-16013	00000/0000	2-10024/0093	10/28/76	10	8993	3556N	09341W	33.6	145.2	GGGG		27	35
2645-16015	00000/0000	2-10024/0094	10/28/76	50	8993	3430N	09408W	34.6	144.3	GGGG		27	36
2645-16022	00000/0000	2-10024/0095	10/28/76	80	8993	3303N	09435W	35.6	143.4	GGGG		27	37
2645-16024	00000/0000	2-10024/0096	10/28/76	90	8993	3137N	09500W	36.5	142.5	GGGG		27	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0348

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLUD COVER	BRBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	BRBIT PATH NUMBER	FRAME ROW NUMBER
2645-16031	00000/0000	2-10024/0097	10/28/76	100	8993	3011N	09525W	37.5	141.5	GGGG			27	39
2645-16033	00000/0000	2-10024/0098	10/28/76	100	8993	2845N	09549W	38.4	140.5	GGGG			27	40
2645-16040	00000/0000	2-10024/0057	10/28/76	100	8993	2720N	09612W	39.4	139.4	GGGG			27	41
2645-16042	00000/0000	2-10024/0058	10/28/76	100	8993	2555N	09635W	40.3	138.4	GGGG			27	42
2645-16045	00000/0000	2-10024/0059	10/28/76	90	8993	2429N	09658W	41.2	137.3	GGGG			27	43
2645-17403	00000/0000	2-10024/0060	10/28/76	40	8994	5006N	11411W	22.9	153.6	GGGG			45	25
2645-17410	00000/0000	2-10024/0061	10/28/76	20	8994	4841N	11450W	24.0	152.8	GGGG			45	26
2645-17412	00000/0000	2-10024/0062	10/28/76	10	8994	4716N	11526W	25.1	152.0	GGGG			45	27
2645-17415	00000/0000	2-10024/0063	10/28/76	10	8994	4551N	11601W	26.2	151.1	GGGG			45	28
2645-17421	00000/0000	2-10024/0064	10/28/76	10	8994	4427N	11634W	27.3	150.3	GGGG			45	29
2645-17424	00000/0000	2-10024/0065	10/28/76	0	8994	4302N	11707W	28.3	149.5	GGGG			45	30
2645-17430	00000/0000	2-10024/0066	10/28/76	0	8994	4136N	11738W	29.4	148.7	GGGG			45	31
2645-17433	00000/0000	2-10024/0067	10/28/76	0	8994	4010N	11807W	30.4	147.9	GGGG			45	32
2645-17435	00000/0000	2-10024/0068	10/28/76	0	8994	3845N	11836W	31.5	147.0	GGGG			45	33
2645-17442	00000/0000	2-10024/0069	10/28/76	0	8994	3720N	11904W	32.5	146.1	GGGG			45	34
2645-17444	00000/0000	2-10024/0070	10/28/76	0	8994	3554N	11931W	33.5	145.3	GGGG			45	35
2645-17451	00000/0000	2-10024/0071	10/28/76	0	8994	3429N	11957W	34.5	144.4	GGGG			45	36
2645-21020	00000/0000	2-10024/0135	10/28/76	80	8996	6640N	15402W	9.3	165.9	GGGG			81	13
2645-21023	00000/0000	2-10024/0136	10/28/76	80	8996	6520N	15530W	10.4	164.5	GGGG			81	14
2645-21025	00000/0000	2-10024/0137	10/28/76	60	8996	6359N	15650W	11.6	163.2	GGGG			81	15
2645-21032	00000/0000	2-10024/0138	10/28/76	40	8996	6237N	15803W	12.7	162.0	GGGG			81	16
2645-21034	00000/0000	2-10024/0139	10/28/76	60	8996	6116N	15910W	13.8	160.9	GGGG			81	17
2645-21041	00000/0000	2-10024/0140	10/28/76	20	8996	5953N	16012W	15.0	159.8	GGGG			81	18
2645-21043	00000/0000	2-10024/0141	10/28/76	40	8996	5829N	16110W	16.1	158.9	GGGG			81	19
2645-21050	00000/0000	2-10024/0142	10/28/76	50	8996	5706N	16204W	17.2	157.9	GGGG			81	20
2645-21052	00000/0000	2-10024/0143	10/28/76	40	8996	5543N	16255W	18.4	157.0	GGGG			81	21
2645-21055	00000/0000	2-10024/0144	10/28/76	50	8996	5419N	16343W	19.5	156.1	GGGG			81	22
2645-21061	00000/0000	2-10024/0145	10/28/76	50	8996	5255N	16427W	20.6	155.3	FFGG			81	23
2646-14203	00000/0000	2-10024/0027	10/29/76	90	9006	4716N	06513W	24.8	152.1	FFGG			10	27
2646-14210	00000/0000	2-10024/0028	10/29/76	40	9006	4551N	06548W	25.9	151.3	FFGG			10	28
2646-14212	00000/0000	2-10024/0029	10/29/76	50	9006	4426N	06621W	27.0	150.5	GGGG			10	29
2646-14215	00000/0000	2-10024/0030	10/29/76	50	9006	4302N	06653W	28.1	149.6	GGGG			10	30
2646-16032	00000/0000	2-10024/0031	10/29/76	80	9007	4841N	09026W	23.7	152.9	GGGG			28	26
2646-16035	00000/0000	2-10024/0032	10/29/76	10	9007	4717N	09103W	24.8	152.1	FFGG			28	27
2646-16041	00000/0000	2-10024/0033	10/29/76	10	9007	4552N	09138W	25.9	151.3	GGGG			28	28
2646-16044	00000/0000	2-10024/0034	10/29/76	20	9007	4427N	09211W	27.0	150.5	GGGG			28	29

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0349

OBSERVATION ID	MICROFILM POSITION R&V	ROLL NO./ IN R&V MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL R&V MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2646-16050	00000/0000	2-10024/0035	10/29/76	30	9007	4302N	09243W	28.0	149.7	GGGG		28	30
2646-16053	00000/0000	2-10024/0036	10/29/76	90	9007	4136N	09313W	29.1	148.8	GGGG		28	31
2646-16055	00000/0000	2-10024/0037	10/29/76	90	9007	4012N	09343W	30.2	148.0	GGGG		28	32
2646-16062	00000/0000	2-10024/0038	10/29/76	90	9007	3847N	09412W	31.2	147.2	GGGF		28	33
2646-16064	00000/0000	2-10024/0039	10/29/76	100	9007	3721N	09441W	32.2	146.3	GGGF		28	34
2646-16071	00000/0000	2-10024/0040	10/29/76	100	9007	3555N	09508W	33.3	145.4	GGGG		28	35
2646-16073	00000/0000	2-10024/0041	10/29/76	100	9007	3430N	09534W	34.3	144.5	GGGG		28	36
2646-16080	00000/0000	2-10024/0042	10/29/76	100	9007	3304N	09600W	35.3	143.6	GGGG		28	37
2646-16082	00000/0000	2-10024/0118	10/29/76	100	9007	3138N	09625W	36.3	142.7	GGFG		28	38
2646-16085	00000/0000	2-10024/0119	10/29/76	100	9007	3013N	09649W	37.2	141.7	GGGG		28	39
2646-16091	00000/0000	2-10024/0120	10/29/76	100	9007	2847N	09714W	38.2	140.7	GGGG		28	40
2646-16094	00000/0000	2-10024/0121	10/29/76	100	9007	2721N	09737W	39.1	139.7	GGGG		28	41
2646-16100	00000/0000	2-10024/0122	10/29/76	100	9007	2555N	09801W	40.0	138.6	GGGG		28	42
2646-17462	00000/0000	2-10024/0123	10/29/76	60	9008	5005N	11537W	22.6	153.7	GGGG		46	25
2646-17464	00000/0000	2-10024/0124	10/29/76	50	9008	4841N	11615W	23.7	152.9	GGGG		46	26
2646-17471	00000/0000	2-10024/0125	10/29/76	70	9008	4717N	11652W	24.8	152.1	GGGG		46	27
2646-17473	00000/0000	2-10024/0126	10/29/76	60	9008	4552N	11727W	25.9	151.3	GGGG		46	28
2646-17480	00000/0000	2-10024/0127	10/29/76	90	9008	4427N	11800W	27.0	150.5	GGGG		46	29
2646-17482	00000/0000	2-10024/0128	10/29/76	60	9008	4301N	11832W	28.0	149.7	GGGG		46	30
2646-17485	00000/0000	2-10024/0129	10/29/76	40	9008	4135N	11903W	29.1	148.9	GGGG		46	31
2646-17491	00000/0000	2-10024/0130	10/29/76	40	9008	4011N	11933W	30.1	148.0	GGGG		46	32
2646-17494	00000/0000	2-10024/0131	10/29/76	20	9008	3846N	12002W	31.2	147.2	GGGG		46	33
2646-17500	00000/0000	2-10024/0132	10/29/76	10	9008	3720N	12030W	32.2	146.3	GGGG		46	34
2646-17503	00000/0000	2-10024/0133	10/29/76	20	9008	3554N	12057W	33.2	145.5	GGGG		46	35
2646-17505	00000/0000	2-10024/0134	10/29/76	70	9008	3429N	12123W	34.3	144.6	GGGG		46	36
2646-21081	00000/0000	2-10024/0109	10/29/76	70	9010	5520N	15651W	10.1	164.5	FFFF		82	14
2646-21084	00000/0000	2-10024/0110	10/29/76	60	9010	5359N	15811W	11.2	163.2	FFFF		82	15
2646-21093	00000/0000	2-10024/0111	10/29/76	90	9010	6116N	16031W	13.5	161.0	FGFG		82	17
2646-21095	00000/0000	2-10024/0112	10/29/76	80	9010	5953N	16133W	14.7	159.9	FFFG		82	18
2646-21102	00000/0000	2-10024/0113	10/29/76	60	9010	5831N	16231W	15.8	158.9	FFGF		82	19
2646-21104	00000/0000	2-10024/0114	10/29/76	80	9010	5707N	16326W	16.9	158.0	GGGF		82	20
2646-21111	00000/0000	2-10024/0115	10/29/76	70	9010	5543N	16417W	18.1	157.1	FFFF		82	21
2646-21113	00000/0000	2-10024/0116	10/29/76	40	9010	5420N	16505W	19.2	156.2	FFFF		82	22
2646-21120	00000/0000	2-10024/0117	10/29/76	40	9010	5256N	16550W	20.3	155.4	GGFF		82	23
2647-14262	00000/0000	2-10024/0167	10/30/76	30	9020	4717N	06639W	24.5	152.2	GGGG		11	27
2647-14264	00000/0000	2-10024/0168	10/30/76	10	9020	4552N	06714W	25.6	151.4	GGGG		11	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0350

OBSERVATION ID	MICROFILM REEL NR./ POSITION IN REEL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LRNG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBV NUMBER
2647-14271	00000/0000	2-10024/0169	10/30/76	10	9020	4427N	06747W	26.7	150.6	GGGG		11	29
2647-14273	00000/0000	2-10024/0170	10/30/76	10	9020	4302N	06819W	27.8	149.8	GGGG		11	30
2647-14280	00000/0000	2-10024/0171	10/30/76	10	9020	4137N	06851W	28.8	149.0	GGGG		11	31
2647-14282	00000/0000	2-10024/0172	10/30/76	10	9020	4011N	06922W	29.9	148.2	GGGG		11	32
2647-16091	00000/0000	2-10024/0173	10/30/76	90	9021	4841N	09152W	23.4	153.0	GGGG		29	26
2647-16093	00000/0000	2-10024/0174	10/30/76	70	9021	4716N	09228W	24.5	152.2	GGFG		29	27
2647-16100	00000/0000	2-10024/0175	10/30/76	30	9021	4551N	09303W	25.6	151.4	GFFG		29	28
2647-16102	00000/0000	2-10024/0176	10/30/76	30	9021	4426N	09336W	26.7	150.6	GGGG		29	29
2647-16105	00000/0000	2-10024/0177	10/30/76	50	9021	4302N	09408W	27.7	149.8	GGGG		29	30
2647-16111	00000/0000	2-10024/0178	10/30/76	90	9021	4136N	09439W	28.8	149.0	GGGG		29	31
2647-16114	00000/0000	2-10024/0179	10/30/76	90	9021	4011N	09509W	29.9	148.2	GGGG		29	32
2647-16120	00000/0000	2-10024/0146	10/30/76	90	9021	3846N	09538W	30.9	147.3	GGGG		29	33
2647-16123	00000/0000	2-10024/0147	10/30/76	90	9021	3721N	09607W	31.9	146.5	GGGG		29	34
2647-16125	00000/0000	2-10024/0148	10/30/76	90	9021	3555N	09634W	33.0	145.6	GGGG		29	35
2647-16132	00000/0000	2-10024/0149	10/30/76	90	9021	3429N	09700W	34.0	144.7	GGGG		29	36
2647-16134	00000/0000	2-10024/0150	10/30/76	40	9021	3303N	09726W	35.0	143.8	FGGG		29	37
2647-16141	00000/0000	2-10024/0151	10/30/76	0	9021	3139N	09752W	36.0	142.9	GGGG		29	38
2647-16143	00000/0000	2-10024/0152	10/30/76	0	9021	3013N	09817W	36.9	142.0	GGGG		29	39
2647-16150	00000/0000	2-10024/0153	10/30/76	0	9021	2846N	09842W	37.9	141.0	GGGG		29	40
2647-16152	00000/0000	2-10024/0154	10/30/76	0	9021	2721N	09906W	38.8	140.0	GGGG		29	41
2647-16155	00000/0000	2-10024/0155	10/30/76	0	9021	2555N	09928W	39.8	138.9	GGGG		29	42
2647-17520	00000/0000	2-10024/0156	10/30/76	90	9022	5005N	11703W	22.3	153.8	GGGG		47	25
2647-17522	00000/0000	2-10024/0157	10/30/76	80	9022	4841N	11742W	23.4	153.0	GGGG		47	26
2647-17525	00000/0000	2-10024/0158	10/30/76	70	9022	4716N	11818W	24.5	152.2	GGGG		47	27
2647-17531	00000/0000	2-10024/0159	10/30/76	50	9022	4552N	11853W	25.6	151.4	GGGG		47	28
2647-17534	00000/0000	2-10024/0160	10/30/76	60	9022	4426N	11926W	26.7	150.6	GGGG		47	29
2647-17540	00000/0000	2-10024/0161	10/30/76	40	9022	4301N	11958W	27.7	149.8	GGGG		47	30
2647-17543	00000/0000	2-10024/0162	10/30/76	0	9022	4136N	12029W	28.8	149.0	GGGG		47	31
2647-17545	00000/0000	2-10024/0163	10/30/76	0	9022	4011N	12059W	29.8	148.2	PGGG		47	32
2647-17552	00000/0000	2-10024/0164	10/30/76	10	9022	3846N	12128W	30.9	147.3	GGGG		47	33
2647-17554	00000/0000	2-10024/0165	10/30/76	50	9022	3721N	12157W	31.9	146.5	GGGG		47	34
2647-17561	00000/0000	2-10024/0166	10/30/76	70	9022	3555N	12225W	33.0	145.6	GGGG		47	35
2647-21135	00000/0000	2-10024/0195	10/30/76	0	9024	6519N	15820W	9.8	164.6	GGGG		83	14
2647-21142	00000/0000	2-10024/0196	10/30/76	10	9024	6359N	15940W	10.9	163.3	FGGG		83	15
2647-21144	00000/0000	2-10024/0197	10/30/76	10	9024	6237N	16054W	12.0	162.1	GFGG		83	16
2647-21151	00000/0000	2-10024/0198	10/30/76	30	9024	6116N	16202W	13.2	161.0	GGGG		83	17

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
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FROM 01/22/76 TO 01/22/77

PAGE 0351

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR. IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2647-21153	00000/0000	2-10024/0199	10/30/76	50	9024	5953N 16304W	14.3	160.0	GGGG			83	18
2647-21160	00000/0000	2-10024/0200	10/30/76	90	9024	5830N 16401W	15.5	159.0	GGGG			83	19
2647-21162	00000/0000	2-10024/0201	10/30/76	80	9024	5707N 16455W	16.6	158.1	FGGF			83	20
2647-21165	00000/0000	2-10024/0202	10/30/76	70	9024	5544N 16546W	17.7	157.2	GGGG			83	21
2647-21171	00000/0000	2-10024/0203	10/30/76	60	9024	5419N 16634W	18.9	156.3	GGGG			83	22
2647-21174	00000/0000	2-10024/0204	10/30/76	40	9024	5255N 16719W	20.0	155.5	FGGG			83	23
2648-14320	00000/0000	2-10024/0205	10/31/76	100	9034	4718N 06806W	24.2	152.3	GGGF			12	27
2648-14322	00000/0000	2-10024/0206	10/31/76	90	9034	4553N 06841W	25.3	151.5	GGGF			12	28
2648-14325	00000/0000	2-10024/0207	10/31/76	90	9034	4428N 06914W	26.4	150.7	GGGF			12	29
2648-14331	00000/0000	2-10024/0208	10/31/76	100	9034	4303N 06946W	27.5	149.9	GGGG			12	30
2648-14334	00000/0000	2-10024/0209	10/31/76	90	9034	4178N 07017W	28.5	149.1	GGGG			12	31
2648-14340	00000/0000	2-10024/0210	10/31/76	90	9034	4012N 07047W	29.6	148.3	GGGG			12	32
2648-14343	00000/0000	2-10024/0211	10/31/76	80	9034	3846N 07116W	30.6	147.5	GGGG			12	33
2648-14345	00000/0000	2-10024/0212	10/31/76	70	9034	3721N 07144W	31.7	146.7	GGGG			12	34
2648-14352	00000/0000	2-10024/0213	10/31/76	70	9034	3556N 07211W	32.7	145.8	GGGG			12	35
2648-16145	00000/0000	2-10024/0225	10/31/76	40	9035	4841N 09319W	23.1	153.1	GGGG			30	26
2648-16154	00000/0000	2-10024/0226	10/31/76	0	9035	4552N 09430W	25.3	151.5	PGGG			30	28
2648-16160	00000/0000	2-10024/0227	10/31/76	10	9035	4427N 09503W	26.4	150.7	GGGG			30	29
2648-16163	00000/0000	2-10024/0228	10/31/76	10	9035	4302N 09536W	27.4	149.9	GGGG			30	30
2648-16165	00000/0000	2-10024/0229	10/31/76	10	9035	4137N 09607W	28.5	149.1	GGGG			30	31
2648-16172	00000/0000	2-10024/0230	10/31/76	0	9035	4011N 09637W	29.6	148.3	GGGG			30	32
2648-16174	00000/0000	2-10024/0231	10/31/76	0	9035	3845N 09706W	30.6	147.5	GGGG			30	33
2648-16181	00000/0000	2-10024/0232	10/31/76	0	9035	3720N 09734W	31.7	146.7	FFGG			30	34
2648-16183	00000/0000	2-10024/0233	10/31/76	10	9035	3554N 09801W	32.7	145.8	GGGG			30	35
2648-16190	00000/0000	2-10024/0234	10/31/76	10	9035	3428N 09827W	33.7	144.9	GGGG			30	36
2648-16192	00000/0000	2-10024/0235	10/31/76	0	9035	3303N 09853W	34.7	144.0	GGGG			30	37
2648-16195	00000/0000	2-10024/0236	10/31/76	0	9035	3138N 09918W	35.7	143.1	GGGG			30	38
2648-16201	00000/0000	2-10024/0237	10/31/76	0	9035	3012N 09942W	36.7	142.2	GGGG			30	39
2648-16204	00000/0000	2-10024/0238	10/31/76	0	9035	2847N 10006W	37.6	141.2	GFGG			30	40
2648-16210	00000/0000	2-10024/0239	10/31/76	10	9035	2720N 10029W	38.6	140.2	GGGG			30	41
2648-16213	00000/0000	2-10024/0240	10/31/76	50	9035	2554N 10052W	39.5	139.2	GGGG			30	42
2648-17574	00000/0000	2-10024/0241	10/31/76	90	9036	5005N 11828W	22.0	153.9	GGGG			48	25
2648-17580	00000/0000	2-10024/0242	10/31/76	90	9036	4841N 11906W	23.1	153.1	GGGG			48	26
2648-17583	00000/0000	2-10024/0243	10/31/76	70	9036	4716N 11942W	24.2	152.3	GGGG			48	27
2648-17585	00000/0000	2-10024/0244	10/31/76	70	9036	4552N 12016W	25.3	151.5	GGGG			48	28
2648-17592	00000/0000	2-10024/0245	10/31/76	70	9036	4427N 12049W	26.3	150.7	GGGG			48	29

KEYS: CLOUD COVER x ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0352

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2648-17594	00000/0000	2-10024/0246	10/31/76	80	9036	4302N	12121W	27.4	150.0	GGGG			48	30
2648-18001	00000/0000	2-10024/0247	10/31/76	60	9036	4138N	12153W	28.5	149.2	GGGG			48	31
2648-18003	00000/0000	2-10024/0248	10/31/76	40	9036	4012N	12224W	29.6	148.3	GGGG			48	32
2648-18010	00000/0000	2-10024/0249	10/31/76	20	9036	3847N	12254W	30.6	147.5	GGGG			48	33
2648-18012	00000/0000	2-10024/0250	10/31/76	20	9036	3721N	12322W	31.6	146.7	GGGG			48	34
2648-21194	00000/0000	2-10024/0214	10/31/76	10	9038	6519N	15949W	9.4	164.6	GGGG			84	14
2648-21200	00000/0000	2-10024/0215	10/31/76	20	9038	6358N	16108W	10.6	163.3	GGGG			84	15
2648-21203	00000/0000	2-10024/0216	10/31/76	30	9038	6237N	16220W	11.7	162.2	FGGG			84	16
2648-21205	00000/0000	2-10024/0217	10/31/76	20	9038	6115N	16327W	12.9	161.1	GGGG			84	17
2648-21212	00000/0000	2-10024/0218	10/31/76	40	9038	5953N	16428W	14.0	160.0	GGGG			84	18
2648-21214	00000/0000	2-10024/0219	10/31/76	90	9038	5830N	16526W	15.2	159.1	GGGG			84	19
2648-21221	00000/0000	2-10024/0220	10/31/76	70	9038	5707N	16620W	16.3	158.1	GGGG			84	20
2648-21223	00000/0000	2-10024/0221	10/31/76	70	9038	5544N	16711W	17.4	157.3	GGGG			84	21
2648-21230	00000/0000	2-10024/0222	10/31/76	50	9038	5420N	16758W	18.5	156.4	GGGG			84	22
2648-21232	00000/0000	2-10024/0223	10/31/76	40	9038	5256N	16844W	19.7	155.6	GGGG			84	23
2648-21235	00000/0000	2-10024/0224	10/31/76	40	9038	5131N	16927W	20.8	154.7	GGGG			84	24
2649-14374	00000/0000	2-10024/0251	11/01/76	100	9048	4717N	06931W	23.9	152.4	GGGG			13	27
2649-14380	00000/0000	2-10024/0252	11/01/76	90	9048	4553N	07006W	25.0	151.6	GGGG			13	28
2649-14383	00000/0000	2-10024/0253	11/01/76	80	9048	4428N	07039W	26.1	150.9	GGGG			13	29
2649-14385	00000/0000	2-10024/0254	11/01/76	60	9048	4301N	07111W	27.2	150.1	GGGG			13	30
2649-14392	00000/0000	2-10024/0255	11/01/76	20	9048	4136N	07143W	28.2	149.3	GGGG			13	31
2649-14394	00000/0000	2-10024/0256	11/01/76	50	9048	4011N	07213W	29.3	148.5	FGGG			13	32
2649-14401	00000/0000	2-10024/0257	11/01/76	80	9048	3846N	07242W	30.3	147.7	GGGG			13	33
2649-14403	00000/0000	2-10024/0258	11/01/76	90	9048	3721N	07310W	31.4	146.8	GGGG			13	34
2649-14410	00000/0000	2-10024/0259	11/01/76	80	9048	3555N	07337W	32.4	146.0	GGGG			13	35
2649-14412	00000/0000	2-10024/0260	11/01/76	70	9048	3430N	07404W	33.4	145.1	GGGG			13	36
2649-14415	00000/0000	2-10024/0261	11/01/76	80	9048	3305N	07430W	34.4	144.2	GGGG			13	37
2649-14421	00000/0000	2-10024/0262	11/01/76	50	9048	3139N	07455W	35.4	143.3	GGGG			13	38
2649-16201	00000/0000	2-10024/0263	11/01/76	10	9049	5006N	09406W	21.7	154.0	GGGG			31	25
2649-16203	00000/0000	2-10024/0264	11/01/76	10	9049	4841N	09445W	22.8	153.2	GGGG			31	26
2649-16210	00000/0000	2-10024/0265	11/01/76	10	9049	4716N	09521W	23.9	152.4	GGGG			31	27
2649-16212	00000/0000	2-10024/0266	11/01/76	10	9049	4552N	09556W	25.0	151.6	GGGG			31	28
2649-16215	00000/0000	2-10024/0267	11/01/76	10	9049	4427N	09629W	26.1	150.9	GGGF			31	29
2649-16221	00000/0000	2-10024/0268	11/01/76	30	9049	4301N	09701W	27.1	150.1	GGGF			31	30
2649-16224	00000/0000	2-10024/0269	11/01/76	20	9049	4136N	09732W	28.2	149.3	GGGG			31	31
2649-16230	00000/0000	2-10024/0270	11/01/76	10	9049	4012N	09802W	29.3	148.5	GGGG			31	32

KEYS: CLOUD COVER \* ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0353

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2649-16233	00000/0000	2-10024/0271	11/01/76	10	9049	3846N	09832W	30.3	147.7	GGGG			31	33
2649-16235	00000/0000	2-10024/0272	11/01/76	0	9049	3721N	09900W	31.4	146.8	GGGG			31	34
2649-16242	00000/0000	2-10024/0273	11/01/76	0	9049	3556N	09928W	32.4	146.0	GGGG			31	35
2649-16244	00000/0000	2-10024/0274	11/01/76	10	9049	3430N	09954W	33.4	145.1	GGGG			31	36
2649-16251	00000/0000	2-10024/0275	11/01/76	0	9049	3304N	10020W	34.4	144.2	GGGG			31	37
2649-16253	00000/0000	2-10024/0276	11/01/76	10	9049	3139N	10044W	35.4	143.3	GGGG			31	38
2649-16260	00000/0000	2-10024/0277	11/01/76	10	9049	3014N	10109W	36.4	142.4	GGGG			31	39
2649-16262	00000/0000	2-10024/0278	11/01/76	30	9049	2848N	10133W	37.4	141.4	GGGG			31	40
2649-16265	00000/0000	2-10024/0279	11/01/76	70	9049	2721N	10157W	38.3	140.4	GGGG			31	41
2649-18032	00000/0000	2-10024/0280	11/01/76	20	9050	5005N	11956W	21.7	154.0	GGGG			49	25
2649-18035	00000/0000	2-10024/0281	11/01/76	10	9050	4841N	12035W	22.8	153.2	GGGG			49	26
2649-18041	00000/0000	2-10024/0282	11/01/76	10	9050	4715N	12111W	23.9	152.4	GGGG			49	27
2649-18044	00000/0000	2-10024/0283	11/01/76	70	9050	4550N	12146W	25.0	151.7	GGGG			49	28
2649-18050	00000/0000	2-10024/0284	11/01/76	80	9050	4426N	12220W	26.0	150.9	GGGG			49	29
2649-18053	00000/0000	2-10024/0285	11/01/76	90	9050	4302N	12252W	27.1	150.1	GGGG			49	30
2649-18055	00000/0000	2-10024/0286	11/01/76	70	9050	4137N	12324W	28.2	149.3	GGGG			49	31
2649-18062	00000/0000	2-10024/0289	11/01/76	60	9050	4011N	12354W	29.3	148.5	GG			49	32
2649-18064	00000/0000	2-10024/0287	11/01/76	50	9050	3846N	12423W	30.3	147.7	GGGG	H		49	33
2649-18071	00000/0000	2-10024/0288	11/01/76	80	9050	3720N	12451W	31.4	146.9	GGGG	H		49	34
2649-18073	00000/0000	2-10024/0289	11/01/76	90	9050	3555N	12518W	32.4	146.0	GGGG	H		49	35
2649-21254	00000/0000	2-10024/0313	11/01/76	20	9052	6359N	16231W	10.3	163.4	GGGG			85	15
2649-21261	00000/0000	2-10024/0314	11/01/76	30	9052	6238N	16343W	11.4	162.2	GGGG			85	16
2649-21263	00000/0000	2-10024/0315	11/01/76	70	9052	6115N	16450W	12.6	161.1	GGG			85	17
2649-21270	00000/0000	2-10024/0316	11/01/76	80	9052	5953N	16553W	13.7	160.1	GGGG			85	18
2649-21272	00000/0000	2-10024/0317	11/01/76	90	9052	5831N	16651W	14.8	159.1	G			85	19
2649-21275	00000/0000	2-10024/0318	11/01/76	90	9052	5708N	16746W	16.0	158.2	GGGG			85	20
2649-21281	00000/0000	2-10024/0319	11/01/76	90	9052	5544N	16838W	17.1	157.3	GGGG			85	21
2649-21284	00000/0000	2-10024/0320	11/01/76	90	9052	5420N	16926W	18.2	156.5	GGGG			85	22
2649-21290	00000/0000	2-10024/0321	11/01/76	90	9052	5256N	17010W	19.4	155.6	GGGG			85	23
2649-21293	00000/0000	2-10024/0322	11/01/76	90	9052	5132N	17053W	20.5	154.8	GGGG			85	24
2650-14432	00000/0000	2-10024/0180	11/02/76	90	9062	4717N	07057W	23.6	152.5	GGGG			14	27
2650-14435	00000/0000	2-10024/0181	11/02/76	80	9062	4552N	07132W	24.7	151.8	GGGG			14	28
2650-14441	00000/0000	2-10024/0182	11/02/76	60	9062	4427N	07206W	25.8	151.0	GGGG			14	29
2650-14444	00000/0000	2-10024/0183	11/02/76	10	9062	4302N	07239W	26.9	150.2	GGGG			14	30
2650-14450	00000/0000	2-10024/0184	11/02/76	0	9062	4136N	07311W	27.9	149.4	GGGG			14	31
2650-14453	00000/0000	2-10024/0185	11/02/76	10	9062	4011N	07341W	29.0	148.6	GGGG			14	32

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01:29 APR 28, 77

LANDSAT-2  
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FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0354

OBSERVATION ID	MICROFILM POSITION RB	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2650-14455	00000/0000	2-10024/0186	11/02/76	10	9062	3846N	07410W	30.1	147.8	GGGG			14	33
2650-14462	00000/0000	2-10024/0187	11/02/76	10	9062	3720N	07438W	31.1	147.0	GGGG			14	34
2650-14464	00000/0000	2-10024/0188	11/02/76	20	9062	3555N	07505W	32.1	146.2	GGGG			14	35
2650-14471	00000/0000	2-10024/0189	11/02/76	50	9062	3430N	07531W	33.2	145.3	GGGG			14	36
2650-14473	00000/0000	2-10024/0190	11/02/76	70	9062	3304N	07557W	34.2	144.4	GGGG			14	37
2650-14480	00000/0000	2-10024/0191	11/02/76	60	9062	3139N	07622W	35.2	143.5	GGGG			14	38
2650-14482	00000/0000	2-10024/0192	11/02/76	80	9062	3013N	07647W	36.2	142.6	GGGG			14	39
2650-14485	00000/0000	2-10024/0193	11/02/76	40	9062	2848N	07711W	37.1	141.6	GGGG			14	40
2650-14491	00000/0000	2-10024/0194	11/02/76	50	9062	2722N	07734W	38.1	140.7	GGGG			14	41
2650-16264	00000/0000	2-10024/0291	11/02/76	0	9063	4717N	09648W	23.6	152.5	GGGG			32	27
2650-16270	00000/0000	2-10024/0292	11/02/76	10	9063	4552N	09723W	24.7	151.8	GGGG			32	28
2650-16273	00000/0000	2-10024/0293	11/02/76	10	9063	4427N	09756W	25.8	151.0	GGGG			32	29
2650-16275	00000/0000	2-10024/0294	11/02/76	0	9063	4301N	09828W	26.8	150.2	GGGG			32	30
2650-16282	00000/0000	2-10024/0295	11/02/76	20	9063	4136N	09859W	27.9	149.4	GGG			32	31
2650-16284	00000/0000	2-10024/0296	11/02/76	80	9063	4011N	09929W	29.0	148.6	GGGG			32	32
2650-16291	00000/0000	2-10024/0297	11/02/76	70	9063	3846N	09958W	30.0	147.8	GGGG			32	33
2650-16293	00000/0000	2-10024/0298	11/02/76	10	9063	3721N	10026W	31.1	147.0	GGGG			32	34
2650-16300	00000/0000	2-10024/0299	11/02/76	0	9063	3555N	10053W	32.1	146.2	GGGG			32	35
2650-16302	00000/0000	2-10024/0300	11/02/76	0	9063	3430N	10120W	33.1	145.3	GGGG			32	36
2650-16305	00000/0000	2-10024/0301	11/02/76	0	9063	3304N	10145W	34.2	144.4	GGGG			32	37
2650-16311	00000/0000	2-10024/0302	11/02/76	0	9063	3139N	10210W	35.2	143.5	GGGG			32	38
2650-16314	00000/0000	2-10024/0303	11/02/76	0	9063	3012N	10235W	36.1	142.6	GGGG			32	39
2650-16320	00000/0000	2-10024/0304	11/02/76	10	9063	2846N	10258W	37.1	141.7	GGGG			32	40
2650-16323	00000/0000	2-10024/0305	11/02/76	0	9063	2720N	10322W	38.1	140.7	GGGG			32	41
2650-18093	00000/0000	2-10024/0306	11/02/76	40	9064	4841N	12159W	22.5	153.3	GGGG			50	26
2650-18095	00000/0000	2-10024/0307	11/02/76	90	9064	4717N	12236W	23.6	152.5	GGGG			50	27
2650-18102	00000/0000	2-10024/0308	11/02/76	90	9064	4552N	12311W	24.7	151.8	GGGG			50	28
2650-18104	00000/0000	2-10024/0309	11/02/76	80	9064	4427N	12345W	25.7	151.0	GGGG			50	29
2650-18111	00000/0000	2-10024/0310	11/02/76	70	9064	4301N	12417W	26.8	150.2	GGGG			50	30
2650-18113	00000/0000	2-10024/0311	11/02/76	70	9064	4137N	12448W	27.9	149.4	GGGG			50	31
2650-18120	00000/0000	2-10024/0312	11/02/76	50	9064	4011N	12517W	29.0	148.6	GGGG			50	32
2650-21312	00000/0000	2-10024/0323	11/02/76	40	9066	6358N	16359W	9.9	163.4	GGGG			86	15
2650-21315	00000/0000	2-10024/0324	11/02/76	30	9066	6237N	16513W	11.1	162.2	GGFG			86	16
2650-21321	00000/0000	2-10024/0325	11/02/76	40	9066	6115N	16620W	12.2	161.2	GFG			86	17
2650-21324	00000/0000	2-10024/0326	11/02/76	30	9066	5953N	16722W	13.4	160.1	GFGG			86	18
2650-21330	00000/0000	2-10024/0327	11/02/76	90	9066	5830N	16820W	14.5	159.2	GGGG			86	19

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01:29 APR 28, 1977

LANDSAT-2  
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FOR US  
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PAGE 0355

OBSERVATION ID	MICROFILM RELI NR./ POSITION IN RELI RBV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2650-21333	00000/0000 2-10024/0328	11/02/76	90	9066	5707N 16915W	15.7	158.3	GGGG			86	20
2650-21335	00000/0000 2-10024/0329	11/02/76	100	9066	5543N 17006W	16.8	157.4	GGGG			86	21
2650-21342	00000/0000 2-10024/0330	11/02/76	100	9066	5419N 17054W	17.9	156.5	GGGG			86	22
2650-21344	00000/0000 2-10024/0331	11/02/76	100	9066	5255N 17138W	19.0	155.7	GGFG			86	23
2650-21351	00000/0000 2-10024/0332	11/02/76	100	9066	5131N 17221W	20.2	154.9	GGGG			86	24
2651-14490	00000/0000 2-10024/0343	11/03/76	90	9076	4717N 07224W	23.3	152.6	GGGG			15	27
2651-14493	00000/0000 2-10024/0344	11/03/76	60	9076	4552N 07259W	24.4	151.9	GGGG			15	28
2651-14495	00000/0000 2-10024/0345	11/03/76	60	9076	4427N 07332W	25.5	151.1	GGGG			15	29
2651-14502	00000/0000 2-10024/0346	11/03/76	90	9076	4302N 07404W	26.6	150.3	GGGG			15	30
2651-14504	00000/0000 2-10024/0347	11/03/76	90	9076	4137N 07435W	27.7	149.5	GGGG			15	31
2651-14511	00000/0000 2-10024/0348	11/03/76	90	9076	4012N 07506W	28.7	148.8	GGGG			15	32
2651-14513	00000/0000 2-10024/0349	11/03/76	50	9076	3846N 07535W	29.8	148.0	GGGG			15	33
2651-14520	00000/0000 2-10024/0350	11/03/76	30	9076	3721N 07602W	30.8	147.1	GGGG			15	34
2651-14522	00000/0000 2-10024/0351	11/03/76	60	9076	3556N 07629W	31.9	146.3	GGGG			15	35
2651-14525	00000/0000 2-10024/0352	11/03/76	90	9076	3430N 07656W	32.9	145.5	GGGG			15	36
2651-14531	00000/0000 2-10024/0353	11/03/76	90	9076	3304N 07722W	33.9	144.6	GGGG			15	37
2651-14534	00000/0000 2-10024/0354	11/03/76	90	9076	3139N 07747W	34.9	143.7	GGGG			15	38
2651-14540	00000/0000 2-10024/0355	11/03/76	90	9076	3013N 07812W	35.9	142.8	GGGG			15	39
2651-14543	00000/0000 2-10024/0356	11/03/76	90	9076	2847N 07836W	36.9	141.8	GGGG			15	40
2651-14545	00000/0000 2-10024/0357	11/03/76	90	9076	2721N 07900W	37.8	140.9	GGGG			15	41
2651-14552	00000/0000 2-10024/0358	11/03/76	90	9076	2555N 07923W	38.8	139.9	GGGG			15	42
2651-14554	00000/0000 2-10024/0359	11/03/76	80	9076	2429N 07946W	39.7	138.8	GGGG			15	43
2651-21371	00000/0000 2-10024/0333	11/03/76	10	9080	6357N 16526W	9.6	163.4	GGGG			87	15
2651-21373	00000/0000 2-10024/0334	11/03/76	60	9080	6237N 16638W	10.8	162.3	GGGG			87	16
2651-21380	00000/0000 2-10024/0335	11/03/76	60	9080	6115N 16745W	11.9	161.2	GGGG			87	17
2651-21382	00000/0000 2-10024/0336	11/03/76	70	9080	5952N 16847W	13.1	160.2	GGGG			87	18
2651-21385	00000/0000 2-10024/0337	11/03/76	90	9080	5829N 16945W	14.2	159.2	GGG			87	19
2651-21391	00000/0000 2-10024/0338	11/03/76	90	9080	5706N 17039W	15.4	158.3	GGG			87	20
2651-21394	00000/0000 2-10024/0339	11/03/76	90	9080	5543N 17130W	16.5	157.5	GGGG			87	21
2651-21400	00000/0000 2-10024/0340	11/03/76	90	9080	5419N 17217W	17.6	156.6	GGG			87	22
2651-21403	00000/0000 2-10024/0341	11/03/76	70	9080	5255N 17301W	18.8	155.8	GGGG			87	23
2651-21405	00000/0000 2-10024/0342	11/03/76	40	9080	5131N 17344W	19.9	155.0	GGGG			87	24
2652-14542	00000/0000 2-10024/0360	11/04/76	100	9090	4841N 07315W	21.9	153.5	GGGG			16	26
2652-14545	00000/0000 2-10024/0361	11/04/76	100	9090	4716N 07351W	23.0	152.7	GGGG			16	27
2652-14551	00000/0000 2-10024/0362	11/04/76	90	9090	4551N 07426W	24.1	152.0	GGGG			16	28
2652-14554	00000/0000 2-10024/0363	11/04/76	90	9090	4426N 07459W	25.2	151.2	GGGG			16	29

KEYS: C\_CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 I\_IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 M\_DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 M\_IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0356

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV	QUAL MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2652-14560	00000/0000	2-10024/0364	11/04/76	90	9090	4301N	07531W	26.3	150.4	GGGG				16	30
2652-14563	00000/0000	2-10024/0365	11/04/76	70	9090	4135N	07601W	27.4	149.7	GGGG				16	31
2652-14565	00000/0000	2-10024/0366	11/04/76	40	9090	4011N	07630W	28.4	148.9	GGGG				16	32
2652-14572	00000/0000	2-10024/0367	11/04/76	50	9090	3846N	07659W	29.5	148.1	GGGG				16	33
2652-14574	00000/0000	2-10024/0368	11/04/76	30	9090	3720N	07727W	30.5	147.3	GGGG				16	34
2652-14581	00000/0000	2-10024/0369	11/04/76	0	9090	3555N	07754W	31.6	146.5	GGGG				16	35
2652-14583	00000/0000	2-10024/0370	11/04/76	0	9090	3429N	07821W	32.6	145.6	GGGG				16	36
2652-14590	00000/0000	2-10024/0371	11/04/76	0	9090	3303N	07847W	33.6	144.8	GGGG				16	37
2652-14592	00000/0000	2-10024/0372	11/04/76	0	9090	3138N	07913W	34.6	143.9	GGGG				16	38
2652-14595	00000/0000	2-10024/0373	11/04/76	10	9090	3012N	07939W	35.6	143.0	GGGG				16	39
2652-15001	00000/0000	2-10024/0374	11/04/76	50	9090	2845N	08004W	36.6	142.0	GGGG				16	40
2652-15004	00000/0000	2-10024/0375	11/04/76	50	9090	2719N	08028W	37.6	141.1	GGGG				16	41
2652-15010	00000/0000	2-10024/0376	11/04/76	30	9090	2553N	08051W	38.5	140.1	GGGG				16	42
2652-15013	00000/0000	2-10024/0377	11/04/76	40	9090	2427N	08114W	39.4	139.1	GGGG				16	43
2652-21425	00000/0000	2-10024/0378	11/04/76	10	9094	6358N	16648W	9.3	163.5	GGGG				88	15
2652-21431	00000/0000	2-10024/0379	11/04/76	60	9094	6236N	16802W	10.5	162.3	GGGG				88	16
2652-21434	00000/0000	2-10024/0380	11/04/76	70	9094	6114N	16910W	11.6	161.2	GGGG				88	17
2652-21445	00000/0000	2-10024/0381	11/04/76	90	9094	5706N	17206W	15.1	158.4	GGGG				88	20
2652-21452	00000/0000	2-10024/0382	11/04/76	80	9094	5543N	17256W	16.2	157.5	GGGG				88	21
2652-21454	00000/0000	2-10024/0383	11/04/76	90	9094	5419N	17343W	17.3	156.7	GGGG				88	22
2652-21461	00000/0000	2-10024/0384	11/04/76	70	9094	5255N	17428W	18.5	155.9	GGGG				88	23
2652-21463	00000/0000	2-10024/0385	11/04/76	70	9094	5131N	17510W	19.6	155.1	GGGG				88	24
2653-15000	00000/0000	2-10024/0404	11/05/76	80	9104	4840N	07439W	21.6	153.6	GGGG				17	26
2653-15003	00000/0000	2-10024/0405	11/05/76	80	9104	4716N	07515W	22.7	152.8	GGGG				17	27
2653-15005	00000/0000	2-10024/0406	11/05/76	70	9104	4551N	07550W	23.8	152.1	GGGG				17	28
2653-15012	00000/0000	2-10024/0407	11/05/76	60	9104	4426N	07624W	24.9	151.3	GGGG				17	29
2653-15014	00000/0000	2-10024/0408	11/05/76	60	9104	4301N	07656W	26.0	150.5	GGGG				17	30
2653-15021	00000/0000	2-10024/0409	11/05/76	60	9104	4136N	07726W	27.1	149.8	GGGG				17	31
2653-15023	00000/0000	2-10024/0410	11/05/76	60	9104	4011N	07756W	28.2	149.0	GGGG				17	32
2653-15030	00000/0000	2-10024/0411	11/05/76	40	9104	3846N	07824W	29.2	148.2	GGGG				17	33
2653-15032	00000/0000	2-10024/0412	11/05/76	10	9104	3721N	07852W	30.3	147.4	GGGG				17	34
2653-15035	00000/0000	2-10024/0413	11/05/76	0	9104	3555N	07920W	31.3	146.6	GGGG				17	35
2653-15041	00000/0000	2-10024/0414	11/05/76	0	9104	3430N	07947W	32.3	145.8	GGGG				17	36
2653-15044	00000/0000	2-10024/0415	11/05/76	20	9104	3305N	08013W	33.4	144.9	GGGG				17	37
2653-15050	00000/0000	2-10024/0416	11/05/76	30	9104	3138N	08039W	34.4	144.1	GGGG				17	38
2653-15053	00000/0000	2-10024/0417	11/05/76	40	9104	3012N	08103W	35.4	143.2	GGGG				17	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0357

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME ROW NUMBER
2653-15055	00000/0000	2-10024/0418	11/05/76	50	9104	2846N	08127W	36.3 142.2	GF	GG		17	40
2653-15062	00000/0000	2-10024/0421	11/05/76	60	9104	2720N	08150W	37.3 141.3	GG			17	41
2653-15064	00000/0000	2-10024/0419	11/05/76	70	9104	2555N	08213W	38.3 140.3	GG		H	17	42
2653-15071	00000/0000	2-10024/0420	11/05/76	30	9104	2428N	08237W	39.2 139.3	GF	GG	H	17	43
2653-16425	00000/0000	2-10025/0001	11/05/76	10	9105	5095N	09952W	20.5 154.3	GG	GG		35	25
2653-16432	00000/0000	2-10025/0002	11/05/76	20	9105	4840N	10030W	21.6 153.6	GG	GG		35	26
2653-16434	00000/0000	2-10025/0003	11/05/76	10	9105	4716N	10106W	22.7 152.8	GG	GG		35	27
2653-16441	00000/0000	2-10025/0004	11/05/76	10	9105	4551N	10141W	23.8 152.1	GG	GG		35	28
2653-16443	00000/0000	2-10025/0005	11/05/76	10	9105	4426N	10214W	24.9 151.3	GG	GG		35	29
2653-16450	00000/0000	2-10025/0006	11/05/76	40	9105	4301N	10246W	26.0 150.5	GG	GG		35	30
2653-16452	00000/0000	2-10025/0007	11/05/76	10	9105	4136N	10317W	27.1 149.8	GG	GG		35	31
2653-16455	00000/0000	2-10025/0008	11/05/76	10	9105	4011N	10347W	28.1 149.0	GG	GG		35	32
2653-16461	00000/0000	2-10025/0009	11/05/76	10	9105	3845N	10416W	29.2 148.2	GG	GG		35	33
2653-16464	00000/0000	2-10025/0010	11/05/76	10	9105	3719N	10444W	30.3 147.4	GG	GG		35	34
2653-16470	00000/0000	2-10025/0011	11/05/76	10	9105	3554N	10511W	31.3 146.6	GG	GG		35	35
2653-16473	00000/0000	2-10025/0012	11/05/76	0	9105	3429N	10538W	32.3 145.8	GG	GG		35	36
2653-16475	00000/0000	2-10025/0013	11/05/76	0	9105	3304N	10604W	33.3 144.9	GG	GG		35	37
2653-16482	00000/0000	2-10025/0014	11/05/76	0	9105	3138N	10629W	34.4 144.1	GG	GG		35	38
2653-16484	00000/0000	2-10025/0015	11/05/76	0	9105	3012N	10654W	35.4 143.2	GG	GG		35	39
2653-21490	00000/0000	2-10025/0031	11/05/76	60	9108	6236N	16929W	10.2 162.3	GG			89	16
2653-21492	00000/0000	2-10025/0032	11/05/76	90	9108	6114N	17036W	11.3 161.3	GG	GG		89	17
2653-21495	00000/0000	2-10025/0033	11/05/76	90	9108	5951N	17138W	12.5 160.3	GG	GG		89	18
2653-21501	00000/0000	2-10025/0034	11/05/76	90	9108	5829N	17236W	13.6 159.3	GG	GG		89	19
2653-21504	00000/0000	2-10025/0035	11/05/76	90	9108	5706N	17330W	14.8 158.4	GG	GG		89	20
2653-21510	00000/0000	2-10025/0036	11/05/76	90	9108	5542N	17420W	15.9 157.6	GP	GG		89	21
2653-21513	00000/0000	2-10025/0037	11/05/76	100	9108	5419N	17508W	17.0 156.7	GG	GG		89	22
2653-21515	00000/0000	2-10025/0038	11/05/76	100	9108	5255N	17553W	18.2 155.9	GG			89	23
2653-21522	00000/0000	2-10025/0039	11/05/76	100	9108	5131N	17636W	19.3 155.1	FG	GG		89	24
2654-15054	00000/0000	2-10024/0386	11/06/76	100	9118	4841N	07606W	21.3 153.6	GG	GG		18	26
2654-15061	00000/0000	2-10024/0387	11/06/76	90	9118	4716N	07643W	22.4 152.9	FF	GG		18	27
2654-15063	00000/0000	2-10024/0388	11/06/76	90	9118	4552N	07718W	23.5 152.1	GG	GG		18	28
2654-15070	00000/0000	2-10024/0389	11/06/76	90	9118	4427N	07752W	24.6 151.4	GG	GG		18	29
2654-15072	00000/0000	2-10024/0390	11/06/76	70	9118	4300N	07824W	25.7 150.6	FG	GG		18	30
2654-15075	00000/0000	2-10024/0391	11/06/76	60	9118	4134N	07854W	26.8 149.9	GG	GF		18	31
2654-15081	00000/0000	2-10024/0392	11/06/76	30	9118	4010N	07924W	27.9 149.1	GG	FG		18	32
2654-15084	00000/0000	2-10024/0393	11/06/76	10	9118	3846N	07954W	28.9 148.3	GG	GG		18	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR).  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0358

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2654-15090	00000/0000	2-10024/0394	11/06/76	0	9118	3720N	08022W	30.0	147.6	GGGG			18	34
2654-15093	00000/0000	2-10024/0395	11/06/76	0	9118	3554N	08050W	31.0	146.7	GGGG			18	35
2654-15095	00000/0000	2-10024/0396	11/06/76	0	9118	3429N	08116W	32.1	145.9	GGGG			18	36
2654-15102	00000/0000	2-10024/0397	11/06/76	0	9118	3303N	08141W	33.1	145.1	GGGG			18	37
2654-15104	00000/0000	2-10024/0398	11/06/76	10	9118	3137N	08206W	34.1	144.2	GGGG			18	38
2654-15111	00000/0000	2-10024/0399	11/06/76	20	9118	3012N	08230W	35.1	143.3	GGGG			18	39
2654-15113	00000/0000	2-10024/0400	11/06/76	20	9118	2846N	08254W	36.1	142.4	GGGG			18	40
2654-15120	00000/0000	2-10024/0400	11/06/76	30	9118	2720N	08317W	37.1	141.5	GGGG			18	41
2654-15122	00000/0000	2-10024/0401	11/06/76	40	9118	2554N	08340W	38.0	140.5	GGGG			18	42
2654-15125	00000/0000	2-10024/0402	11/06/76	70	9118	2427N	08402W	39.0	139.5	GGGG			18	43
2654-16483	00000/0000	2-10025/0016	11/06/76	20	9119	5008N	10117W	20.2	154.4	GGGG			36	25
2654-16490	00000/0000	2-10025/0017	11/06/76	40	9119	4843N	10155W	21.3	153.7	GGGG			36	26
2654-16492	00000/0000	2-10025/0018	11/06/76	20	9119	4719N	10232W	22.4	152.9	GGGG			36	27
2654-16495	00000/0000	2-10025/0019	11/06/76	60	9119	4554N	10307W	23.5	152.2	GGGG			36	28
2654-16501	00000/0000	2-10025/0020	11/06/76	10	9119	4430N	10342W	24.6	151.4	GGGG			36	29
2654-16504	00000/0000	2-10025/0021	11/06/76	20	9119	4304N	10413W	25.7	150.7	GGGG			36	30
2654-16510	00000/0000	2-10025/0022	11/06/76	30	9119	4137N	10443W	26.7	149.9	GGGG			36	31
2654-16513	00000/0000	2-10025/0023	11/06/76	60	9119	4012N	10513W	27.8	149.2	GGGG			36	32
2654-16515	00000/0000	2-10025/0024	11/06/76	30	9119	3848N	10542W	28.9	148.4	GGGG			36	33
2654-16522	00000/0000	2-10025/0025	11/06/76	0	9119	3722N	10610W	29.9	147.6	GGGG			36	34
2654-16524	00000/0000	2-10025/0026	11/06/76	0	9119	3556N	10637W	31.0	146.8	GGGG			36	35
2654-16531	00000/0000	2-10025/0027	11/06/76	0	9119	3431N	10703W	32.0	146.0	GGGG			36	36
2654-16533	00000/0000	2-10025/0028	11/06/76	0	9119	3305N	10729W	33.0	145.1	GGGG			36	37
2654-16540	00000/0000	2-10025/0029	11/06/76	0	9119	3139N	10754W	34.1	144.3	GGGG			36	38
2654-16542	00000/0000	2-10025/0030	11/06/76	0	9119	3014N	10818W	35.1	143.4	GGGG			36	39
2654-21573	00000/0000	2-10025/0040	11/06/76	40	9122	5253N	17721W	17.9	156.0	FFFF			90	23
2654-21580	00000/0000	2-10025/0041	11/06/76	40	9122	5129N	17803W	19.0	155.2	FFFF			90	24
2655-15133	00000/0000	2-10025/0042	11/07/76	50	9132	4138N	08018W	26.5	150.0	GGGG			19	31
2655-15140	00000/0000	2-10025/0043	11/07/76	10	9132	4013N	08048W	27.6	149.3	GGGG			19	32
2655-15142	00000/0000	2-10025/0044	11/07/76	30	9132	3848N	08117W	28.6	148.5	GGGG			19	33
2655-15145	00000/0000	2-10025/0045	11/07/76	30	9132	3722N	08145W	29.7	147.7	GGGG			19	34
2655-15151	00000/0000	2-10025/0046	11/07/76	20	9132	3557N	08212W	30.7	146.9	GGGG			19	35
2655-15154	00000/0000	2-10025/0047	11/07/76	10	9132	3432N	08238W	31.8	146.1	GGGG			19	36
2655-15160	00000/0000	2-10025/0048	11/07/76	0	9132	3306N	08304W	32.8	145.3	GGGG			19	37
2655-15163	00000/0000	2-10025/0049	11/07/76	10	9132	3140N	08329W	33.8	144.4	GGGG			19	38
2655-15165	00000/0000	2-10025/0050	11/07/76	10	9132	3015N	08354W	34.8	143.5	GGGG			19	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0359

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2655-15172	00000/0000	2-10025/0051	11/07/76	20	9132	2849N	08419W	35.8	142.6	GGGG			19	40
2655-15174	00000/0000	2-10025/0052	11/07/76	30	9132	2723N	08443W	36.8	141.7	GGGG			19	41
2655-16544	00000/0000	2-10025/0053	11/07/76	20	9133	4842N	10322W	21.0	153.7	FGGG			37	26
2655-16551	00000/0000	2-10025/0054	11/07/76	10	9133	4717N	10369W	22.1	153.0	GGGG			37	27
2655-16553	00000/0000	2-10025/0055	11/07/76	0	9133	4553N	10434W	23.2	152.3	GGGG			37	28
2655-16560	00000/0000	2-10025/0056	11/07/76	0	9133	4428N	10507W	24.3	151.5	GGGG			37	29
2655-16562	00000/0000	2-10025/0057	11/07/76	0	9133	4303N	10538W	25.4	150.8	GGGG			37	30
2655-16565	00000/0000	2-10025/0058	11/07/76	0	9133	4138N	10609W	26.5	150.0	GGGG			37	31
2655-16571	00000/0000	2-10025/0059	11/07/76	0	9133	4013N	10639W	27.6	149.3	GGGG			37	32
2655-16574	00000/0000	2-10025/0060	11/07/76	0	9133	3848N	10708W	28.6	148.5	GGGG			37	33
2655-16580	00000/0000	2-10025/0061	11/07/76	10	9133	3722N	10736W	29.7	147.7	GGGG			37	34
2655-16583	00000/0000	2-10025/0062	11/07/76	0	9133	3556N	10804W	30.7	146.9	GGGG			37	35
2655-16585	00000/0000	2-10025/0063	11/07/76	0	9133	3431N	10830W	31.8	146.1	FGGG			37	36
2655-16592	00000/0000	2-10025/0064	11/07/76	0	9133	3305N	10855W	32.8	145.3	GGG			37	37
2655-16594	00000/0000	2-10025/0065	11/07/76	0	9133	3139N	10920W	33.8	144.4	GGGG			37	38
2655-17001	00000/0000	2-10025/0066	11/07/76	0	9133	3013N	10944W	34.8	143.5	GGGG			37	39
2655-20170	00000/0000	2-10025/0067	11/07/76	100	9135	6236N	14634W	9.6	162.4	FGGG			73	16
2655-20173	00000/0000	2-10025/0068	11/07/76	100	9135	6113N	14742W	10.8	161.3	GGGG			73	17
2655-20175	00000/0000	2-10025/0069	11/07/76	100	9135	5951N	14844W	11.9	160.3	GGGG			73	18
2655-20182	00000/0000	2-10025/0070	11/07/76	100	9135	5828N	14942W	13.1	159.4	FGGG			73	19
2655-20184	00000/0000	2-10025/0071	11/07/76	100	9135	5705N	15036W	14.2	158.5	GGGG			73	20
2655-22034	00000/0000	2-10025/0072	11/07/76	80	9136	5129N	17928W	18.7	155.2	GGGG			91	24
2656-15171	00000/0000	2-10025/0084	11/08/76	90	9146	4842N	07858W	20.7	153.8	GGGG			20	26
2656-15173	00000/0000	2-10025/0085	11/08/76	50	9146	4717N	07934W	21.8	153.1	GGGG			20	27
2656-15180	00000/0000	2-10025/0086	11/08/76	20	9146	4552N	08009W	22.9	152.3	GGGG			20	28
2656-15182	00000/0000	2-10025/0087	11/08/76	60	9146	4428N	08042W	24.0	151.6	GGGG			20	29
2656-15185	00000/0000	2-10025/0088	11/08/76	60	9146	4303N	08114W	25.1	150.9	GGGG			20	30
2656-15191	00000/0000	2-10025/0089	11/08/76	60	9146	4138N	08145W	26.2	150.1	GGGG			20	31
2656-15194	00000/0000	2-10025/0090	11/08/76	50	9146	4013N	08214W	27.3	149.4	GGGG			20	32
2656-15200	00000/0000	2-10025/0091	11/08/76	50	9146	3847N	08244W	28.4	148.6	GGGG			20	33
2656-15203	00000/0000	2-10025/0092	11/08/76	40	9146	3722N	08312W	29.4	147.8	GGGG			20	34
2656-15205	00000/0000	2-10025/0093	11/08/76	0	9146	3556N	08339W	30.5	147.0	GGGG			20	35
2656-15212	00000/0000	2-10025/0094	11/08/76	0	9146	3431N	08406W	31.5	146.2	GGGG			20	36
2656-15214	00000/0000	2-10025/0095	11/08/76	0	9146	3305N	08432W	32.5	145.4	GGGG			20	37
2656-15221	00000/0000	2-10025/0096	11/08/76	0	9146	3139N	08458W	33.6	144.6	GGGG			20	38
2656-15223	00000/0000	2-10025/0097	11/08/76	0	9146	3013N	08523W	34.6	143.7	GGGG			20	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, RAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0360

OBSERVATION ID	MICROFILM POSITION RBV	RAIL NR./ IN RAIL MSS	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL OF IMAGE LAT	PRINCIPAL OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2656-15230	00000/0000	2-10025/0098	11/08/76	0	9146	2847N	08547W	35.6	142.8	GGGG			20	40
2656-15232	00000/0000	2-10025/0099	11/08/76	10	9146	2721N	08410W	36.5	141.9	GGGG			20	41
2656-17000	00000/0000	2-10025/0100	11/08/76	10	9147	5008N	10406W	19.6	154.5	GGGG			38	25
2656-17002	00000/0000	2-10025/0101	11/08/76	10	9147	4843N	10444W	20.7	153.8	GGGG			38	26
2656-17005	00000/0000	2-10025/0102	11/08/76	90	9147	4718N	10521W	21.8	153.1	GGGG			38	27
2656-17011	00000/0000	2-10025/0103	11/08/76	90	9147	4553N	10556W	22.9	152.3	GGGG			38	28
2656-17014	00000/0000	2-10025/0104	11/08/76	60	9147	4428N	10630W	24.0	151.6	GGGG			38	29
2656-17020	00000/0000	2-10025/0105	11/08/76	20	9147	4302N	10702W	25.1	150.9	GGGG			38	30
2656-17023	00000/0000	2-10025/0106	11/08/76	70	9147	4138N	10733W	26.2	150.1	GGGG			38	31
2656-17025	00000/0000	2-10025/0107	11/08/76	40	9147	4012N	10803W	27.3	149.4	GGGG			38	32
2656-17032	00000/0000	2-10025/0108	11/08/76	10	9147	3847N	10832W	28.3	148.6	GGGG			38	33
2656-17034	00000/0000	2-10025/0109	11/08/76	0	9147	3721N	10900W	29.4	147.8	GGGG			38	34
2656-17050	00000/0000	2-10025/0110	11/08/76	0	9147	3305N	11021W	32.5	145.4	GGGG			38	37
2656-17052	00000/0000	2-10025/0111	11/08/76	0	9147	3139N	11046W	33.5	144.6	GGGG			38	38
2656-17055	00000/0000	2-10025/0112	11/08/76	0	9147	3013N	11111W	34.5	143.7	GGGG			38	39
2656-20225	00000/0000	2-10025/0073	11/08/76	50	9149	6234N	14801W	9.4	162.4	GGGG			74	16
2656-20231	00000/0000	2-10025/0074	11/08/76	20	9149	6112N	14908W	10.5	161.3	GGGG			74	17
2656-20234	00000/0000	2-10025/0075	11/08/76	10	9149	5949N	15010W	11.6	160.3	GGGG			74	18
2656-20240	00000/0000	2-10025/0076	11/08/76	20	9149	5827N	15104W	12.8	159.4	GGGG			74	19
2656-20243	00000/0000	2-10025/0077	11/08/76	20	9149	5704N	15202W	13.9	158.5	GGGG			74	20
2656-20245	00000/0000	2-10025/0078	11/08/76	30	9149	5541N	15252W	15.1	157.7	GGGG			74	21
2657-15240	00000/0000	2-10025/0129	11/09/76	100	9160	4428N	08208W	23.8	151.7	GGGG			21	29
2657-15243	00000/0000	2-10025/0130	11/09/76	90	9160	4303N	08241W	24.9	150.9	GGGG			21	30
2657-15245	00000/0000	2-10025/0131	11/09/76	30	9160	4137N	08311W	26.0	150.2	GGGG			21	31
2657-15252	00000/0000	2-10025/0132	11/09/76	10	9160	4011N	08341W	27.0	149.5	GGGG			21	32
2657-15254	00000/0000	2-10025/0133	11/09/76	0	9160	3846N	08410W	28.1	148.7	GGGG			21	33
2657-15251	00000/0000	2-10025/0134	11/09/76	40	9160	3721N	08438W	29.2	147.9	GGGG			21	34
2657-15263	00000/0000	2-10025/0135	11/09/76	40	9160	3556N	08505W	30.2	147.2	GGGG			21	35
2657-15270	00000/0000	2-10025/0136	11/09/76	20	9160	3430N	08532W	31.3	146.4	GGGG			21	36
2657-15272	00000/0000	2-10025/0137	11/09/76	10	9160	3304N	08559W	32.3	145.5	GGGG			21	37
2657-15275	00000/0000	2-10025/0138	11/09/76	0	9160	3139N	08624W	33.3	144.7	GGGG			21	38
2657-15281	00000/0000	2-10025/0139	11/09/76	10	9160	3014N	08649W	34.3	143.8	GGGG			21	39
2657-15284	00000/0000	2-10025/0140	11/09/76	10	9160	2848N	08712W	35.3	143.0	GGGG			21	40
2657-15290	00000/0000	2-10025/0141	11/09/76	10	9160	2722N	08736W	36.3	142.0	GGGG			21	41
2657-17054	00000/0000	2-10025/0114	11/09/76	10	9161	5006N	10525W	19.3	154.6	GGGG			39	25
2657-17061	00000/0000	2-10025/0115	11/09/76	10	9161	4841N	10613W	20.4	153.9	GGGG			39	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK, NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0361

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRA-GE ROW NUMBER
2657-17063	00000/0000	2-10025/0116	11/09/76	0	9161	4717N	10650W	21.6	153.1	GGGG			39	27
2657-17070	00000/0000	2-10025/0117	11/09/76	10	9161	4552N	10725W	22.7	152.4	FGGG			39	28
2657-17072	00000/0000	2-10025/0118	11/09/76	30	9161	4427N	10758W	23.8	151.7	GGGG			39	29
2657-17075	00000/0000	2-10025/0119	11/09/76	40	9161	4302N	10830W	24.9	150.9	GGGG			39	30
2657-17081	00000/0000	2-10025/0120	11/09/76	30	9161	4138N	10900W	25.9	150.2	GGGG			39	31
2657-17084	00000/0000	2-10025/0121	11/09/76	10	9161	4012N	10930W	27.0	149.5	GGGG			39	32
2657-17090	00000/0000	2-10025/0122	11/09/76	10	9161	3847N	10959W	28.1	148.7	GGGG			39	33
2657-17093	00000/0000	2-10025/0123	11/09/76	0	9161	3721N	11028W	29.1	147.9	GGGG			39	34
2657-17095	00000/0000	2-10025/0124	11/09/76	0	9161	3556N	11056W	30.2	147.2	GGGG			39	35
2657-17102	00000/0000	2-10025/0125	11/09/76	0	9161	3430N	11123W	31.2	146.4	GGGG			39	36
2657-17104	00000/0000	2-10025/0126	11/09/76	0	9161	3305N	11149W	32.3	145.5	GGGG			39	37
2657-17111	00000/0000	2-10025/0127	11/09/76	0	9161	3139N	11214W	33.3	144.7	GGGG			39	38
2657-17113	00000/0000	2-10025/0128	11/09/76	0	9161	3014N	11239W	34.3	143.8	FGGG			39	39
2657-22144	00000/0000	2-10025/0113	11/09/76	90	9164	5245N	17821E	17.0	156.1	GGGG			93	23
2658-15292	00000/0000	2-10025/0162	11/10/76	50	9174	4552N	08302W	22.4	152.5	GGGG			22	28
2658-15295	00000/0000	2-10025/0163	11/10/76	90	9174	4427N	08335W	23.5	151.7	GGGG			22	29
2658-15301	00000/0000	2-10025/0164	11/10/76	90	9174	4301N	08407W	24.6	151.0	GGGG			22	30
2658-15304	00000/0000	2-10025/0165	11/10/76	70	9174	4137N	08438W	25.7	150.3	GGGG			22	31
2658-15310	00000/0000	2-10025/0166	11/10/76	50	9174	4011N	08508W	26.8	149.5	GGGG			22	32
2658-15313	00000/0000	2-10025/0167	11/10/76	10	9174	3846N	08537W	27.8	148.8	GGGG			22	33
2658-15315	00000/0000	2-10025/0168	11/10/76	0	9174	3721N	08605W	28.9	148.0	GGGG			22	34
2658-15322	00000/0000	2-10025/0169	11/10/76	10	9174	3556N	08632W	30.0	147.3	GGGG			22	35
2658-15324	00000/0000	2-10025/0170	11/10/76	10	9174	3430N	08659W	31.0	146.5	GGGG			22	36
2658-15331	00000/0000	2-10025/0171	11/10/76	40	9174	3305N	08725W	32.0	145.7	GGGG			22	37
2658-15333	00000/0000	2-10025/0172	11/10/76	50	9174	3139N	08750W	33.1	144.8	GGGG			22	38
2658-15340	00000/0000	2-10025/0173	11/10/76	70	9174	3013N	08815W	34.1	144.0	GGGG			22	39
2658-15342	00000/0000	2-10025/0174	11/10/76	90	9174	2848N	08839W	35.1	143.1	GGGG			22	40
2658-15345	00000/0000	2-10025/0175	11/10/76	70	9174	2721N	08902W	36.0	142.2	GGGG			22	41
2658-17112	00000/0000	2-10025/0142	11/10/76	70	9175	5005N	10701W	19.1	154.6	GGGG			40	25
2658-17115	00000/0000	2-10025/0143	11/10/76	60	9175	4840N	10740W	20.2	153.9	GGGG			40	26
2658-17121	00000/0000	2-10025/0144	11/10/76	10	9175	4715N	10816W	21.3	153.2	GGGG			40	27
2658-17124	00000/0000	2-10025/0145	11/10/76	40	9175	4551N	10851W	22.4	152.5	GGGG			40	28
2658-17130	00000/0000	2-10025/0146	11/10/76	90	9175	4426N	10924W	23.5	151.7	GGGG			40	29
2658-17133	00000/0000	2-10025/0147	11/10/76	80	9175	4302N	10957W	24.6	151.0	GGGG			40	30
2658-17135	00000/0000	2-10025/0148	11/10/76	70	9175	4137N	11028W	25.7	150.3	GGGG			40	31
2658-17142	00000/0000	2-10025/0149	11/10/76	90	9175	4011N	11058W	26.8	149.6	GGGG			40	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0362

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2658-17144	00000/0000 2-10025/0150	11/10/76	80	9175	3846N	11127W	27.8	148.8	GGGG				
2658-17151	00000/0000 2-10025/0151	11/10/76	30	9175	3720N	11155W	28.9	148.0	GGGG			40	33
2658-17153	00000/0000 2-10025/0152	11/10/76	10	9175	3555N	11222W	29.9	147.3	GGGG			40	34
2658-17160	00000/0000 2-10025/0153	11/10/76	0	9175	3430N	11248W	31.0	146.5	GGGG			40	35
2658-17162	00000/0000 2-10025/0154	11/10/76	0	9175	3304N	11314W	32.0	145.7	GGGG			40	36
2658-17165	00000/0000 2-10025/0155	11/10/76	10	9175	3139N	11340W	33.0	144.8	GGGG			40	37
2658-20343	00000/0000 2-10025/0079	11/10/76	40	9177	6115N	15157W	9.9	161.4	GGGG			40	38
2658-20350	00000/0000 2-10025/0080	11/10/76	20	9177	5952N	15300W	11.0	160.4	GGGG			76	17
2658-20352	00000/0000 2-10025/0081	11/10/76	40	9177	5829N	15358W	12.2	159.5	GGGG			76	18
2658-20355	00000/0000 2-10025/0082	11/10/76	80	9177	5707N	15452W	13.3	158.6	GGGG			76	19
2658-20361	00000/0000 2-10025/0083	11/10/76	90	9177	5544N	15542W	14.5	157.8	GGGG			76	20
2659-15350	00000/0000 2-10025/0205	11/11/76	80	9188	4555N	08426W	22.1	152.6	GGGG			23	21
2659-15353	00000/0000 2-10025/0206	11/11/76	50	9188	4430N	08459W	23.2	151.8	GGGG			23	28
2659-15355	00000/0000 2-10025/0207	11/11/76	40	9188	4305N	08531W	24.3	151.1	GGGG			23	29
2659-15362	00000/0000 2-10025/0208	11/11/76	70	9188	4140N	08602W	25.4	150.4	GGGG			23	30
2659-15364	00000/0000 2-10025/0209	11/11/76	30	9188	4015N	08632W	26.5	149.7	GGGG			23	31
2659-15371	00000/0000 2-10025/0210	11/11/76	70	9188	3850N	08701W	27.5	148.9	GGGG			23	32
2659-15373	00000/0000 2-10025/0211	11/11/76	90	9188	3725N	08730W	28.6	148.2	GGGG			23	33
2659-15380	00000/0000 2-10025/0212	11/11/76	90	9188	3559N	08757W	29.7	147.4	GGGG			23	34
2659-15382	00000/0000 2-10025/0213	11/11/76	90	9188	3433N	08824W	30.7	146.6	GGGG			23	35
2659-15385	00000/0000 2-10025/0214	11/11/76	90	9188	3308N	08850W	31.7	145.8	GGGG			23	36
2659-15391	00000/0000 2-10025/0215	11/11/76	90	9188	3142N	08915W	32.8	145.0	GGGG			23	37
2659-15394	00000/0000 2-10025/0216	11/11/76	70	9188	3017N	08940W	33.8	144.2	GGGG			23	38
2659-15400	00000/0000 2-10025/0217	11/11/76	30	9188	2850N	09003W	34.8	143.3	GGGG			23	39
2659-17170	00000/0000 2-10025/0176	11/11/76	10	9189	5008N	10826W	18.7	154.7	GGGG			41	40
2659-17173	00000/0000 2-10025/0177	11/11/76	10	9189	4844N	10904W	19.9	154.0	GGGG			41	25
2659-17175	00000/0000 2-10025/0178	11/11/76	30	9189	4719N	10941W	21.0	153.3	GGGG			41	26
2659-17182	00000/0000 2-10025/0179	11/11/76	30	9189	4554N	11016W	22.1	152.6	GGGG			41	27
2659-17184	00000/0000 2-10025/0180	11/11/76	10	9189	4429N	11049W	23.2	151.8	GGGG			41	28
2659-17191	00000/0000 2-10025/0181	11/11/76	0	9189	4304N	11122W	24.3	151.1	GGGG			41	29
2659-17193	00000/0000 2-10025/0182	11/11/76	0	9189	4138N	11153W	25.4	150.4	GGGG			41	30
2659-17200	00000/0000 2-10025/0183	11/11/76	0	9189	4013N	11223W	26.4	149.7	GGGG			41	31
2659-17202	00000/0000 2-10025/0184	11/11/76	10	9189	3848N	11251W	27.5	148.9	GGGG			41	32
2659-17205	00000/0000 2-10025/0185	11/11/76	10	9189	3724N	11319W	28.6	148.2	GGGG			41	33
2659-17211	00000/0000 2-10025/0186	11/11/76	0	9189	3558N	11346W	29.6	147.4	GGGG			41	34
2659-17214	00000/0000 2-10025/0187	11/11/76	10	9189	3433N	11412W	30.7	146.6	GGGG			41	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0363

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV	QUAL MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2659-17220	00000/0000 2-10025/0188	11/11/76	0	9189	3308N	11438W	31.7	145.8		GGGG			41	37
2659-17223	00000/0000 2-10025/0189	11/11/76	10	9189	3142N	11504W	32.7	145.0		GGGG			41	38
2659-20402	00000/0000 2-10025/0156	11/11/76	80	9191	6115N	15324W	9.6	161.4		GGGG			77	17
2659-20404	00000/0000 2-10025/0157	11/11/76	90	9191	5953N	15426W	10.8	160.4		GGGG			77	18
2659-20411	00000/0000 2-10025/0158	11/11/76	90	9191	5830N	15523W	11.9	159.5		GGGG			77	19
2659-20413	00000/0000 2-10025/0159	11/11/76	90	9191	5706N	15617W	13.1	158.6		GGGG			77	20
2659-20420	00000/0000 2-10025/0160	11/11/76	90	9191	5543N	15707W	14.2	157.8		GGGG			77	21
2659-20422	00000/0000 2-10025/0161	11/11/76	90	9191	5419N	15755W	15.3	157.0		GGGG			77	22
2660-15402	2-10025/1629 2-10025/0218	11/12/76	80	9202	4719N	08518W	20.7	153.3	GGG	GGG			24	27
2660-15404	00000/0000 2-10025/0219	11/12/76	80	9202	4554N	08553W	21.8	152.6		GGGG			24	28
2660-15411	00000/0000 2-10025/0220	11/12/76	70	9202	4429N	08626W	22.9	151.9		GGGG			24	29
2660-15413	00000/0000 2-10025/0221	11/12/76	60	9202	4304N	08658W	24.0	151.2		GGGG			24	30
2660-15420	2-10025/1630 2-10025/0222	11/12/76	20	9202	4139N	08730W	25.1	150.5	GGG	GGGG			24	31
2660-15422	00000/0000 2-10025/0223	11/12/76	0	9202	4014N	08800W	26.2	149.7		GGGG			24	32
2660-15423	2-10025/1631 00000/0000	11/12/76	10	9202	4009N	08758W	26.2	149.7	GGG				24	32
2660-15425	2-10025/1632 2-10025/0224	11/12/76	0	9202	3849N	08828W	27.3	149.0	GGG	GGGG			24	33
2660-15431	00000/0000 2-10025/0225	11/12/76	0	9202	3724N	08857W	28.3	148.3		GGGG			24	34
2660-15432	2-10025/1633 00000/0000	11/12/76	0	9202	3719N	08855W	28.4	148.2	GGG				24	34
2660-15434	2-10025/1634 2-10025/0226	11/12/76	0	9202	3559N	08924W	29.4	147.5	GGG	GGGG			24	35
2660-15440	00000/0000 2-10025/0227	11/12/76	0	9202	3434N	08951W	30.4	146.7		GGGG			24	36
2660-15441	2-10025/1635 00000/0000	11/12/76	10	9202	3429N	08949W	30.5	146.7	GGG				24	36
2660-15443	2-10025/1636 2-10025/0228	11/12/76	10	9202	3308N	09017W	31.5	145.9	GGG	GGGG			24	37
2660-15445	00000/0000 2-10025/0229	11/12/76	30	9202	3142N	09042W	32.5	145.1		GGG			24	38
2660-15452	00000/0000 2-10025/0230	11/12/76	50	9202	3016N	09106W	33.5	144.3		GGGG			24	39
2660-15454	00000/0000 2-10025/0231	11/12/76	90	9202	2850N	09129W	34.5	143.4		GGGG			24	40
2660-17225	00000/0000 2-10025/0232	11/12/76	0	9203	5008N	10951W	18.5	154.8		GGGG			42	25
2660-17231	00000/0000 2-10025/0233	11/12/76	10	9203	4843N	11030W	19.6	154.0		GGGG			42	26
2660-17234	00000/0000 2-10025/0234	11/12/76	10	9203	4718N	11106W	20.7	153.3		GGGG			42	27
2660-17240	00000/0000 2-10025/0235	11/12/76	10	9203	4553N	11141W	21.8	152.6		GGGG			42	28
2660-17243	00000/0000 2-10025/0236	11/12/76	10	9203	4428N	11214W	22.9	151.9	FFFF				42	29
2660-17245	00000/0000 2-10025/0237	11/12/76	0	9203	4304N	11247W	24.0	151.2		GGGG			42	30
2660-17262	00000/0000 2-10025/0238	11/12/76	10	9203	4132N	11318W	25.1	150.5		GGGG			42	31
2660-17254	00000/0000 2-10025/0239	11/12/76	60	9203	4014N	11348W	26.2	149.7	FFFF				42	32
2660-17261	00000/0000 2-10025/0240	11/12/76	50	9203	3848N	11417W	27.3	149.0		GGGG			42	33
2660-17263	00000/0000 2-10025/0241	11/12/76	70	9203	3723N	11445W	28.3	148.3		GGGG			42	34
2660-17270	00000/0000 2-10025/0242	11/12/76	90	9203	3557N	11513W	29.4	147.5		GGGG			42	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
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01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0364

OBSERVATION ID	MICROFILM POSITION RBV	REL. NR./ IN REL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2660-17272	00000/0000	2-10025/0243	11/12/76	90	9203	3432N	11539W	30.4	146.7	GGGG			42	36
2660-17275	00000/0000	2-10025/0244	11/12/76	90	9203	3306N	11605W	31.5	145.9	GGGG			42	37
2660-17281	00000/0000	2-10025/0245	11/12/76	90	9203	3141N	11630W	32.5	145.1	GGGG			42	38
2660-20460	00000/0000	2-10025/0246	11/12/76	90	9205	6115N	15449W	9.4	161.4	GGGG			78	17
2660-20462	00000/0000	2-10025/0247	11/12/76	80	9205	5952N	15552W	10.5	160.4	GGGG			78	18
2660-20465	00000/0000	2-10025/0248	11/12/76	80	9205	5829N	15650W	11.6	159.5	GGGG			78	19
2660-20471	00000/0000	2-10025/0249	11/12/76	80	9205	5707N	15744W	12.8	158.6	GGGG			78	20
2660-20474	00000/0000	2-10025/0250	11/12/76	70	9205	5543N	15834W	13.9	157.8	GGGG			78	21
2660-20430	00000/0000	2-10025/0251	11/12/76	60	9205	5419N	15921W	15.1	157.0	GGGG			78	22
2660-22312	00000/0000	2-10025/0252	11/12/76	70	9206	5416N	17447E	15.1	157.0	GGGG			96	22
2661-15460	00000/0000	2-10025/0267	11/13/76	70	9216	4718N	08642W	20.5	153.4	GGGG			25	27
2661-15463	00000/0000	2-10025/0268	11/13/76	10	9216	4554N	08717W	21.6	152.7	GGGG			25	28
2661-15465	00000/0000	2-10025/0269	11/13/76	0	9216	4428N	08751W	22.7	152.0	GGGG			25	29
2661-15472	00000/0000	2-10025/0270	11/13/76	0	9216	4304N	08824W	23.8	151.2	GGGG			25	30
2661-15474	00000/0000	2-10025/0271	11/13/76	0	9216	4139N	08855W	24.9	150.5	GGGG			25	31
2661-15481	00000/0000	2-10025/0272	11/13/76	0	9216	4013N	08926W	25.9	149.8	GGGG			25	32
2661-15483	00000/0000	2-10025/0273	11/13/76	60	9216	3848N	08955W	27.0	149.1	GGGG			25	33
2661-15490	00000/0000	2-10025/0274	11/13/76	90	9216	3723N	09023W	28.1	148.3	GGGG			25	34
2661-15492	00000/0000	2-10025/0275	11/13/76	80	9216	3557N	09050W	29.1	147.6	GGGG			25	35
2661-15495	00000/0000	2-10025/0276	11/13/76	90	9216	3431N	09116W	30.2	146.8	GGGG			25	36
2661-15501	00000/0000	2-10025/0277	11/13/76	90	9216	3306N	09142W	31.2	146.0	GGGG			25	37
2661-15504	00000/0000	2-10025/0278	11/13/76	90	9216	3140N	09207W	32.3	145.2	GGGG			25	38
2661-15510	00000/0000	2-10025/0279	11/13/76	90	9216	3014N	09231W	33.3	144.4	GGGG			25	39
2661-15513	00000/0000	2-10025/0280	11/13/76	100	9216	2849N	09254W	34.3	143.6	GGGG			25	40
2661-17283	00000/0000	2-10025/0253	11/13/76	10	9217	5006N	11117W	18.2	154.8	GGGG			43	25
2661-17285	00000/0000	2-10025/0254	11/13/76	10	9217	4841N	11154W	19.3	154.1	GGGG			43	26
2661-17292	00000/0000	2-10025/0255	11/13/76	0	9217	4717N	11231W	20.4	153.4	GGGG			43	27
2661-17294	00000/0000	2-10025/0256	11/13/76	0	9217	4553N	11306W	21.6	152.7	GGGG			43	28
2661-17301	00000/0000	2-10025/0257	11/13/76	0	9217	4428N	11341W	22.7	152.0	GGGG			43	29
2661-17303	00000/0000	2-10025/0258	11/13/76	0	9217	4304N	11414W	23.8	151.2	GGGG			43	30
2661-17310	00000/0000	2-10025/0259	11/13/76	0	9217	4139N	11445W	24.8	150.5	GGGG			43	31
2661-17312	00000/0000	2-10025/0260	11/13/76	10	9217	4014N	11515W	25.9	149.8	GGGG			43	32
2661-17315	00000/0000	2-10025/0261	11/13/76	20	9217	3849N	11544W	27.0	149.1	GGGG			43	33
2661-17321	00000/0000	2-10025/0262	11/13/76	10	9217	3723N	11612W	28.1	148.4	GGGG			43	34
2661-17324	00000/0000	2-10025/0263	11/13/76	10	9217	3557N	11639W	29.1	147.6	GGGG			43	35
2661-17330	00000/0000	2-10025/0264	11/13/76	10	9217	3432N	11706W	30.2	146.8	GGGG			43	36

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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0365

OBSERVATION ID	ACQUISITION FILM NO. / POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2661-17333	00000/0000 2-10025/0265	11/13/76	10	9217	3307N	11732W	31.2	146.0	GGGG		43	37
2661-17335	00000/0000 2-10025/0266	11/13/76	20	9217	3140N	11757W	32.2	145.2	FGGG		43	38
2661-20520	00000/0000 2-10025/0281	11/13/76	90	9219	5951N	15719W	10.2	160.4	FGGG		79	18
2661-20523	00000/0000 2-10025/0282	11/13/76	70	9219	5828N	15817W	11.4	159.5	GGGG		79	19
2661-20525	00000/0000 2-10025/0283	11/13/76	70	9219	5705N	15911W	12.5	158.6	GGGG		79	20
2661-20532	00000/0000 2-10025/0284	11/13/76	80	9219	5542N	16001W	13.7	157.8	FGGG		79	21
2661-20534	00000/0000 2-10025/0285	11/13/76	60	9219	5418N	16048W	14.8	157.0	GGGG		79	22
2662-15512	00000/0000 2-10025/0300	11/14/76	60	9230	4843N	08733W	19.1	154.1	GGGG		26	26
2662-15514	00000/0000 2-10025/0301	11/14/76	10	9230	4718N	08810W	20.2	153.4	GGGF		26	27
2662-15521	00000/0000 2-10025/0302	11/14/76	0	9230	4553N	08845W	21.3	152.7	GGGG		26	28
2662-15523	00000/0000 2-10025/0303	11/14/76	0	9230	4428N	08919W	22.4	152.0	GGGG		26	29
2662-15530	00000/0000 2-10025/0304	11/14/76	10	9230	4303N	08951W	23.5	151.3	GGGG		26	30
2662-15532	00000/0000 2-10025/0305	11/14/76	0	9230	4128N	09022W	24.6	150.6	GGGG		26	31
2662-15535	00000/0000 2-10025/0306	11/14/76	10	9230	4013N	09052W	25.7	149.9	GGGG		26	32
2662-15541	00000/0000 2-10025/0307	11/14/76	10	9230	3848N	09121W	26.8	149.2	GGGG		26	33
2662-15544	00000/0000 2-10025/0308	11/14/76	70	9230	3722N	09149W	27.8	148.4	GGGG		26	34
2662-15550	00000/0000 2-10025/0291	11/14/76	100	9230	3557N	09216W	28.9	147.7	GGGG		26	35
2662-15553	00000/0000 2-10025/0292	11/14/76	100	9230	3431N	09242W	29.9	146.9	GGGG		26	36
2662-15555	00000/0000 2-10025/0293	11/14/76	100	9230	3306N	09308W	31.0	146.1	GGGG		26	37
2662-15562	00000/0000 2-10025/0294	11/14/76	100	9230	3140N	09333W	32.0	145.3	GGGG		26	38
2662-15564	00000/0000 2-10025/0295	11/14/76	100	9230	3014N	09358W	33.0	144.5	GGGG		26	39
2662-15571	00000/0000 2-10025/0296	11/14/76	100	9230	2848N	09422W	34.0	143.7	GGGG		26	40
2662-15573	00000/0000 2-10025/0297	11/14/76	100	9230	2723N	09445W	35.0	142.8	GGGG		26	41
2662-15580	00000/0000 2-10025/0298	11/14/76	100	9230	2557N	09509W	36.0	141.9	GGGG		26	42
2662-15582	00000/0000 2-10025/0299	11/14/76	100	9230	2431N	09531W	37.0	141.0	GGGG		26	43
2662-17343	00000/0000 2-10025/0309	11/14/76	10	9231	4842N	11323W	19.1	154.1	GGGG		44	26
2662-17350	00000/0000 2-10025/0310	11/14/76	20	9231	4717N	11359W	20.2	153.4	GGGG		44	27
2662-17352	00000/0000 2-10025/0311	11/14/76	10	9231	4552N	11434W	21.3	152.7	GGGG		44	28
2662-17355	00000/0000 2-10025/0312	11/14/76	40	9231	4428N	11508W	22.4	152.0	GGGG		44	29
2662-17361	00000/0000 2-10025/0313	11/14/76	100	9231	4303N	11540W	23.5	151.3	GGGG		44	30
2662-17364	00000/0000 2-10025/0314	11/14/76	90	9231	4128N	11611W	24.6	150.6	GGGG		44	31
2662-17370	00000/0000 2-10025/0315	11/14/76	80	9231	4013N	11641W	25.7	149.9	GGGG		44	32
2662-17373	00000/0000 2-10025/0316	11/14/76	90	9231	3848N	11710W	26.7	149.2	GGGG		44	33
2662-17375	00000/0000 2-10025/0317	11/14/76	60	9231	3723N	11738W	27.8	148.4	GGGG		44	34
2662-17382	00000/0000 2-10025/0318	11/14/76	60	9231	3557N	11805W	28.9	147.7	GGGG		44	35
2662-17384	00000/0000 2-10025/0319	11/14/76	80	9231	3431N	11831W	29.9	146.9	GGGG		44	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER;  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0366

OBSERVATION ID	MICROFILM POSITION IN RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2662-17391	00000/0000	2-10025/0320	11/14/76	60	9231	3305N	11857W	31.0	146.1	GGGG			44	37
2662-20575	00000/0000	2-10025/0286	11/14/76	90	9233	5950N	15844W	10.0	160.4	GGGG			80	18
2662-20581	00000/0000	2-10025/0287	11/14/76	20	9233	5828N	15942W	11.1	159.5	GGFG			80	19
2662-20584	00000/0000	2-10025/0288	11/14/76	10	9233	5704N	16036W	12.3	158.6	GGGG			80	20
2662-20590	00000/0000	2-10025/0289	11/14/76	30	9233	5541N	16126W	13.4	157.8	GGGG			80	21
2662-20593	00000/0000	2-10025/0290	11/14/76	60	9233	5417N	16213W	14.5	157.0	GGGG			80	22
2663-15573	00000/0000	2-10025/0327	11/15/76	30	9244	4718N	08937W	19.9	153.4	GGGG			27	27
2663-15575	00000/0000	2-10025/0328	11/15/76	10	9244	4553N	09012W	21.1	152.7	GGG			27	28
2663-15582	00000/0000	2-10025/0329	11/15/76	50	9244	4428N	09045W	22.2	152.1	FGGG			27	29
2663-16005	00000/0000	2-10025/0330	11/15/76	90	9244	3557N	09343W	28.6	147.8	GGGG			27	35
2663-16011	00000/0000	2-10025/0331	11/15/76	100	9244	3431N	09409W	29.7	147.0	GGGG			27	36
2663-16014	00000/0000	2-10025/0332	11/15/76	100	9244	3305N	09435W	30.7	146.2	GGGG			27	37
2663-16020	00000/0000	2-10025/0333	11/15/76	100	9244	3139N	09500W	31.8	145.4	GGGG			27	38
2663-16023	00000/0000	2-10025/0334	11/15/76	90	9244	3013N	09525W	32.8	144.6	GGGG			27	39
2663-16025	00000/0000	2-10025/0335	11/15/76	50	9244	2848N	09549W	33.8	143.8	GGGG			27	40
2663-16032	00000/0000	2-10025/0336	11/15/76	70	9244	2722N	09613W	34.8	142.9	GGGG			27	41
2663-16034	00000/0000	2-10025/0337	11/15/76	50	9244	2556N	09635W	35.8	142.0	GGGG			27	42
2663-16041	00000/0000	2-10025/0338	11/15/76	70	9244	2429N	09659W	36.8	141.1	GGGG			27	43
2663-17395	00000/0000	2-10025/0340	11/15/76	60	9245	5006N	11412W	17.7	154.9	GGGG			45	25
2663-17402	00000/0000	2-10025/0341	11/15/76	60	9245	4842N	11450W	18.8	154.1	GGGG			45	26
2663-17404	00000/0000	2-10025/0342	11/15/76	30	9245	4717N	11526W	19.9	153.4	GGGG			45	27
2663-17411	00000/0000	2-10025/0343	11/15/76	70	9245	4552N	11601W	21.0	152.7	GGGG			45	28
2663-17413	00000/0000	2-10025/0343	11/15/76	90	9245	4428N	11635W	22.1	152.1	G GG			45	29
2663-17420	00000/0000	2-10025/0344	11/15/76	90	9245	4303N	11707W	23.2	151.4	GGGG			45	30
2663-17422	00000/0000	2-10025/0345	11/15/76	80	9245	4138N	11737W	24.3	150.7	GGGG			45	31
2663-17425	00000/0000	2-10025/0346	11/15/76	40	9245	4012N	11808W	25.4	150.0	GGGG			45	32
2663-17431	00000/0000	2-10025/0347	11/15/76	10	9245	3846N	11837W	26.5	149.2	GGGG			45	33
2663-17434	00000/0000	2-10025/0348	11/15/76	40	9245	3721N	11905W	27.6	148.5	GGGG			45	34
2663-17440	00000/0000	2-10025/0349	11/15/76	70	9245	3556N	11932W	28.6	147.8	GGGG			45	35
2663-17443	00000/0000	2-10025/0350	11/15/76	40	9245	3430N	11958W	29.7	147.0	GGGG			45	36
2663-21033	00000/0000	2-10025/0321	11/15/76	50	9247	5954N	16006W	9.7	160.4	GGGG			81	18
2663-21035	00000/0000	2-10025/0322	11/15/76	50	9247	5831N	16104W	10.8	159.5	GFGG			81	19
2663-21042	00000/0000	2-10025/0323	11/15/76	70	9247	5708N	16158W	12.0	158.7	GFGG			81	20
2663-21044	00000/0000	2-10025/0324	11/15/76	90	9247	5544N	16250W	13.1	157.9	GGGG			81	21
2663-21051	00000/0000	2-10025/0325	11/15/76	40	9247	5421N	16337W	14.2	157.1	GGGG			81	22
2663-21053	00000/0000	2-10025/0326	11/15/76	40	9247	5257N	16423W	15.4	156.3	GGGG			81	23

KSYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANK)=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0367

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CL CLOUD	BD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RAW NUMBER
2664-14195	00000/0000	2-10025/0670	11/16/76	40	9257	4718N	06511W	19.7	153.5	GGGG			10	27
2664-14202	00000/0000	2-10025/0671	11/16/76	20	9257	4553N	06546W	20.8	152.8	GGGG			10	28
2664-14204	00000/0000	2-10025/0672	11/16/76	10	9257	4428N	06620W	21.9	152.1	FGGG			10	29
2664-14211	00000/0000	2-10025/0673	11/16/76	70	9257	4303N	06652W	23.0	151.4	GGGG			10	30
2664-16031	00000/0000	2-10025/0674	11/16/76	0	9258	4717N	09103W	19.7	153.5	FFFF			28	27
2664-16033	00000/0000	2-10025/0675	11/16/76	0	9258	4553N	09138W	20.8	152.8	GGGG			28	28
2664-16040	00000/0000	2-10025/0676	11/16/76	0	9258	4428N	09212W	21.9	152.1	GGG			28	29
2664-16042	00000/0000	2-10025/0677	11/16/76	0	9258	4303N	09244W	23.0	151.4	GGGG			28	30
2664-16045	00000/0000	2-10025/0678	11/16/76	0	9258	4138N	09315W	24.1	150.7	GGGG			28	31
2664-16051	00000/0000	2-10025/0679	11/16/76	0	9258	4012N	09345W	25.2	150.0	GGGG			28	32
2664-16054	00000/0000	2-10025/0680	11/16/76	60	9258	3847N	09414W	26.3	149.3	GGG			28	33
2664-16060	00000/0000	2-10025/0681	11/16/76	100	9258	3722N	09442W	27.3	148.6	GGGG			28	34
2664-16063	00000/0000	2-10025/0682	11/16/76	100	9258	3557N	09509W	28.4	147.8	GGGG			28	35
2664-16065	00000/0000	2-10025/0683	11/16/76	100	9258	3431N	09536W	29.5	147.1	GGGG			28	36
2664-16072	00000/0000	2-10025/0684	11/16/76	100	9258	3305N	09601W	30.6	146.3	GGGG			28	37
2664-16074	00000/0000	2-10025/0685	11/16/76	90	9258	3139N	09627W	31.5	145.5	GGGG			28	38
2664-16081	00000/0000	2-10025/0686	11/16/76	90	9258	3013N	09651W	32.6	144.7	GGGG			28	39
2664-16083	00000/0000	2-10025/0687	11/16/76	90	9258	2847N	09715W	33.6	143.9	GGGG			28	40
2664-16090	00000/0000	2-10025/0688	11/16/76	90	9258	2721N	09739W	34.6	143.1	GGGG			28	41
2664-16092	00000/0000	2-10025/0689	11/16/76	100	9258	2555N	09802W	35.6	142.2	GGGG			28	42
2664-17460	00000/0000	2-10025/0394	11/16/76	90	9259	4842N	11615W	18.6	154.2	GGGG			46	26
2664-17462	00000/0000	2-10025/0395	11/16/76	90	9259	4718N	11651W	19.7	153.5	GGGG			46	27
2664-17465	00000/0000	2-10025/0396	11/16/76	80	9259	4552N	11726W	20.8	152.8	GGGG			46	28
2664-17471	00000/0000	2-10025/0397	11/16/76	40	9259	4427N	11759W	21.9	152.1	GGGG			46	29
2664-17474	00000/0000	2-10025/0398	11/16/76	60	9259	4303N	11831W	23.0	151.4	GGGG			46	30
2664-17480	00000/0000	2-10025/0399	11/16/76	40	9259	4138N	11902W	24.1	150.7	GGGG			46	31
2664-17483	00000/0000	2-10025/0400	11/16/76	30	9259	4012N	11932W	25.2	150.0	GGGG			46	32
2664-17485	00000/0000	2-10025/0401	11/16/76	10	9259	3847N	12001W	26.3	149.3	GGGG			46	33
2664-17492	00000/0000	2-10025/0402	11/16/76	20	9259	3721N	12029W	27.3	148.6	GGGG			46	34
2664-17494	00000/0000	2-10025/0403	11/16/76	10	9259	3556N	12056W	28.4	147.8	GGGG			46	35
2664-17501	00000/0000	2-10025/0404	11/16/76	10	9259	3430N	12123W	29.5	147.1	GGGG			46	36
2664-21091	00000/0000	2-10025/0501	11/16/76	90	9261	5953N	16135W	9.4	160.4	GGGG			82	18
2664-21093	00000/0000	2-10025/0502	11/16/76	90	9261	5830N	16233W	10.6	159.5	GGGG			82	19
2664-21100	00000/0000	2-10025/0503	11/16/76	90	9261	5707N	16327W	11.7	158.7	GGGG			82	20
2664-21102	00000/0000	2-10025/0504	11/16/76	100	9261	5544N	16417W	12.8	157.9	GGGG			82	21
2664-21105	00000/0000	2-10025/0505	11/16/76	90	9261	5421N	16504W	14.0	157.1	GGGG			82	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0368

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SRBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SRBIT PATH NUMBER	FRAME ROW NUMBER
2664-21111	00000/0000	2-10025/0506	11/16/76	70	9261	5257N	16549W	15.1	156.3	GGGG			82	23
2665-14253	00000/0000	2-10025/0351	11/17/76	60	9271	4718N	06639W	19.5	153.5	GGGG			11	27
2665-14260	00000/0000	2-10025/0352	11/17/76	10	9271	4582N	06714W	20.6	152.8	GG G			11	28
2665-14262	00000/0000	2-10025/0353	11/17/76	10	9271	4427N	06748W	21.7	152.1	GG G			11	29
2665-14265	00000/0000	2-10025/0354	11/17/76	20	9271	4302N	06820W	22.8	151.4	GGGG			11	30
2665-14271	00000/0000	2-10025/0355	11/17/76	10	9271	4137N	06851W	23.9	150.8	GGGG			11	31
2665-14274	00000/0000	2-10025/0356	11/17/76	20	9271	4012N	06921W	25.0	150.1	GGGG			11	32
2665-16082	00000/0000	2-10025/0920	11/17/76	50	9272	4842N	09153W	18.3	154.2	GGGG			29	26
2665-16085	00000/0000	2-10025/0921	11/17/76	60	9272	4717N	09229W	19.4	153.5	GGGF			29	27
2665-16091	00000/0000	2-10025/0922	11/17/76	30	9272	4552N	09304W	20.6	152.8	GGGG			29	28
2665-16094	00000/0000	2-10025/0923	11/17/76	10	9272	4427N	09337W	21.7	152.1	FGGG			29	29
2665-16100	00000/0000	2-10025/0924	11/17/76	10	9272	4302N	09409W	22.8	151.4	FGGG			29	30
2665-16103	00000/0000	2-10025/0915	11/17/76	20	9272	4136N	09440W	23.9	150.8	G GG			29	31
2665-16105	00000/0000	2-10025/0916	11/17/76	10	9272	4012N	09510W	24.9	150.1	F GF			29	32
2665-16112	00000/0000	2-10025/0917	11/17/76	0	9272	3847N	09539W	26.0	149.4	G GG			29	33
2665-16114	00000/0000	2-10025/0918	11/17/76	40	9272	3722N	09606W	27.1	148.6	F GG			29	34
2665-16121	00000/0000	2-10025/0919	11/17/76	80	9272	3556N	09633W	28.2	147.9	G GG			29	35
2665-16123	00000/0000	2-10025/0925	11/17/76	90	9272	3430N	09700W	29.2	147.2	GGGG			29	36
2665-16130	00000/0000	2-10025/0926	11/17/76	100	9272	3304N	09726W	30.3	146.4	GGGG			29	37
2665-16132	00000/0000	2-10025/0927	11/17/76	100	9272	3139N	09751W	31.3	145.6	GGGG			29	38
2665-16135	00000/0000	2-10025/0928	11/17/76	100	9272	3013N	09816W	32.3	144.8	GGGG			29	39
2665-16141	00000/0000	2-10025/0929	11/17/76	100	9272	2846N	09840W	33.3	144.0	GGGG			29	40
2665-16144	00000/0000	2-10025/0930	11/17/76	100	9272	2720N	09903W	34.3	143.2	GGGG			29	41
2665-16150	00000/0000	2-10025/0931	11/17/76	100	9272	2555N	09927W	35.3	142.3	GGGG			29	42
2665-17521	00000/0000	2-10025/0932	11/17/76	80	9273	4718N	11815W	19.4	153.5	GGGG			47	27
2665-17523	00000/0000	2-10025/0933	11/17/76	70	9273	4553N	11850W	20.6	152.8	GGGG			47	28
2665-17530	00000/0000	2-10025/0934	11/17/76	60	9273	4428N	11923W	21.6	152.1	GGGG			47	29
2665-17532	00000/0000	2-10025/0935	11/17/76	10	9273	4303N	11955W	22.7	151.4	GGGG			47	30
2665-17535	00000/0000	2-10025/0936	11/17/76	10	9273	4138N	12026W	23.8	150.8	FGGG			47	31
2665-17541	00000/0000	2-10025/0937	11/17/76	10	9273	4013N	12056W	24.9	150.1	GGGG			47	32
2665-17544	00000/0000	2-10025/0938	11/17/76	30	9273	3847N	12126W	26.0	149.4	GGGG			47	33
2665-17550	00000/0000	2-10025/0939	11/17/76	40	9273	3721N	12154W	27.1	148.6	GGGG			47	34
2665-17553	00000/0000	2-10025/0940	11/17/76	50	9273	3555N	12222W	28.1	147.9	GGGG			47	35
2665-17555	00000/0000	2-10025/0941	11/17/76	90	9273	3430N	12248W	29.2	147.2	GGGG			47	36
2665-21152	00000/0000	2-10025/0389	11/17/76	30	9275	5830N	16400W	10.3	159.5	GGGG			83	19
2665-21154	00000/0000	2-10025/0390	11/17/76	20	9275	5707N	16455W	11.5	158.7	GGGG			83	20

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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
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FROM 01/22/76 TO 01/22/77

PAGE 0369

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2665-21161	00000/0000	2-10025/0391	11/17/76	20	9275	5543N	16545W	12.6	157.9	GGGG			83	21
2665-21163	00000/0000	2-10025/0392	11/17/76	30	9275	5420N	16632W	13.7	157.1	GGGG			83	22
2665-21170	00000/0000	2-10025/0393	11/17/76	40	9275	5256N	16717W	14.9	156.4	GGGG			83	23
2666-14330	00000/0000	2-10025/0357	11/18/76	70	9285	4137N	07018W	23.6	150.8	GGGG			12	31
2666-14332	00000/0000	2-10025/0358	11/18/76	50	9285	4012N	07047W	24.7	150.1	GGGG			12	32
2666-14335	00000/0000	2-10025/0359	11/18/76	80	9285	3847N	07116W	25.8	149.4	GGGG			12	33
2666-14341	00000/0000	2-10025/0360	11/18/76	80	9285	3722N	07144W	26.9	148.7	GGGG			12	34
2666-14344	00000/0000	2-10025/0361	11/18/76	50	9285	3556N	07211W	27.9	148.0	GGGG			12	35
2666-16141	00000/0000	2-10025/0366	11/18/76	50	9286	4842N	09319W	18.1	154.2	GGGG			30	26
2666-16143	00000/0000	2-10025/0367	11/18/76	10	9286	4717N	09355W	19.2	153.5	GGGG			30	27
2666-16150	00000/0000	2-10025/0368	11/18/76	20	9286	4552N	09430W	20.3	152.8	GGGG			30	28
2666-16152	00000/0000	2-10025/0369	11/18/76	60	9286	4427N	09503W	21.4	152.2	GGGG			30	29
2666-16155	00000/0000	2-10025/0370	11/18/76	30	9286	4302N	09535W	22.5	151.5	GGGG			30	30
2666-16161	00000/0000	2-10025/0371	11/18/76	10	9286	4137N	09606W	23.6	150.8	GGGG			30	31
2666-16164	00000/0000	2-10025/0372	11/18/76	0	9286	4012N	09636W	24.7	150.1	GGGG			30	32
2666-16170	00000/0000	2-10025/0373	11/18/76	0	9286	3847N	09705W	25.8	149.4	GGGG			30	33
2666-16173	00000/0000	2-10025/0374	11/18/76	0	9286	3721N	09733W	26.9	148.7	GGGG			30	34
2666-16175	00000/0000	2-10025/0375	11/18/76	10	9286	3555N	09800W	27.9	148.0	GGGG			30	35
2666-16182	00000/0000	2-10025/0376	11/18/76	30	9286	3429N	09827W	29.0	147.2	GGGG			30	36
2666-16184	00000/0000	2-10025/0377	11/18/76	70	9286	3304N	09853W	30.0	146.5	GGGG			30	37
2666-16191	00000/0000	2-10025/0378	11/18/76	60	9286	3139N	09918W	31.1	145.7	GGGG			30	38
2666-16193	00000/0000	2-10025/0379	11/18/76	80	9286	3013N	09942W	32.1	144.9	GGGG			30	39
2666-16200	00000/0000	2-10025/0382	11/18/76	100	9286	2847N	10005W	33.1	144.1	G GG			30	40
2666-16202	00000/0000	2-10025/0383	11/18/76	100	9286	2721N	10029W	34.1	143.3	G GG			30	41
2666-16205	00000/0000	2-10025/0380	11/18/76	100	9286	2556N	10052W	35.1	142.4	GGGG			30	42
2666-17572	00000/0000	2-10025/0381	11/18/76	70	9287	4845N	11904W	18.0	154.2	GGGG			48	26
2666-17575	00000/0000	2-10025/0382	11/18/76	10	9287	4721N	11940W	19.1	153.5	GGGG			48	27
2666-17581	00000/0000	2-10025/0383	11/18/76	10	9287	4556N	12015W	20.3	152.9	GGGG			48	28
2666-17584	00000/0000	2-10025/0384	11/18/76	40	9287	4430N	12049W	21.4	152.2	GGGG			48	29
2666-17590	00000/0000	2-10025/0385	11/18/76	20	9287	4305N	12122W	22.5	151.5	GGGG			48	30
2666-17593	00000/0000	2-10025/0386	11/18/76	20	9287	4140N	12153W	23.6	150.8	GGGG			48	31
2666-17595	00000/0000	2-10025/0387	11/18/76	30	9287	4015N	12224W	24.6	150.1	GGGG			48	32
2666-18002	00000/0000	2-10025/0364	11/18/76	50	9287	3850N	12253W	25.7	149.4	G GG			48	33
2666-18004	00000/0000	2-10025/0365	11/18/76	70	9287	3724N	12321W	26.8	148.7	G GG			48	34
2666-18011	00000/0000	2-10025/0388	11/18/76	90	9287	3559N	12348W	27.9	148.0	GGGG			48	35
2666-21215	00000/0000	2-10025/0405	11/18/76	10	9289	5543N	16707W	12.4	157.9	GGGG			84	21

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD, NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, 1=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0370

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBW NUMBER
2666-21221	00000/0000	2-10025/0406	11/18/76	30	9289	5420N	16755W	13.5	157.1	GGGG			84	22
2666-21224	00000/0000	2-10025/0407	11/18/76	40	9289	5256N	16841W	14.6	156.4	GGGG			84	23
2666-21230	00000/0000	2-10025/0408	11/18/76	40	9289	5132N	16924W	15.8	155.6	FGFG			84	24
2667-14370	00000/0000	2-10025/0409	11/19/76	100	9299	4720N	06929W	18.9	153.6	FGGG			13	27
2667-14372	00000/0000	2-10025/0410	11/19/76	90	9299	4555N	07004W	20.0	152.9	GGGG			13	28
2667-14375	00000/0000	2-10025/0411	11/19/76	80	9299	4431N	07037W	21.2	152.2	GGGG			13	29
2667-14381	00000/0000	2-10025/0412	11/19/76	30	9299	4306N	07109W	22.3	151.5	GGGG			13	30
2667-14384	00000/0000	2-10025/0413	11/19/76	0	9299	4141N	07140W	23.4	150.9	FFGG			13	31
2667-14390	00000/0000	2-10025/0414	11/19/76	10	9299	4015N	07210W	24.4	150.2	GGGG			13	32
2667-16195	00000/0000	2-10025/0441	11/19/76	90	9300	4844N	09444W	17.8	154.2	GGGG			31	26
2667-16201	00000/0000	2-10025/0442	11/19/76	50	9300	4719N	09520W	18.9	153.6	GGGG			31	27
2667-16204	00000/0000	2-10025/0443	11/19/76	10	9300	4555N	09555W	20.0	152.9	FGGG			31	28
2667-16210	00000/0000	2-10025/0444	11/19/76	20	9300	4430N	09629W	21.1	152.2	PGGG			31	29
2667-16213	00000/0000	2-10025/0445	11/19/76	70	9300	4305N	09701W	22.2	151.5	GGGG			31	30
2667-16215	00000/0000	2-10025/0446	11/19/76	90	9300	4139N	09732W	23.3	150.9	GGGG			31	31
2667-16222	00000/0000	2-10025/0447	11/19/76	40	9300	4015N	09802W	24.4	150.2	GGGG			31	32
2667-16224	00000/0000	2-10025/0448	11/19/76	0	9300	3850N	09831W	25.5	149.5	GGGF			31	33
2667-16231	00000/0000	2-10025/0449	11/19/76	0	9300	3725N	09859W	26.6	148.8	FGGG			31	34
2667-16233	00000/0000	2-10025/0450	11/19/76	10	9300	3558N	09926W	27.6	148.1	GGFG			31	35
2667-16240	00000/0000	2-10025/0451	11/19/76	50	9300	3432N	09953W	28.7	147.3	GGGG			31	36
2667-16242	00000/0000	2-10025/0452	11/19/76	80	9300	3307N	10018W	29.8	146.6	GGGG			31	37
2667-16245	00000/0000	2-10025/0453	11/19/76	50	9300	3141N	10044W	30.8	145.8	GGGG			31	38
2667-16251	00000/0000	2-10025/0454	11/19/76	40	9300	3016N	10109W	31.8	145.0	GGGF			31	39
2667-18030	00000/0000	2-10025/0455	11/19/76	10	9301	4845N	12031W	17.8	154.2	GGGG			49	26
2667-18033	00000/0000	2-10025/0456	11/19/76	70	9301	4720N	12107W	18.9	153.6	GGGG			49	27
2667-18035	00000/0000	2-10025/0457	11/19/76	70	9301	4555N	12142W	20.0	152.9	GGGG			49	28
2667-18042	00000/0000	2-10025/0458	11/19/76	50	9301	4430N	12216W	21.1	152.2	GGGG			49	29
2667-18044	00000/0000	2-10025/0459	11/19/76	30	9301	4305N	12248W	22.2	151.5	FGGG			49	30
2667-18051	00000/0000	2-10025/0460	11/19/76	20	9301	4139N	12320W	23.3	150.9	GGF			49	31
2667-18053	00000/0000	2-10025/0464	11/19/76	10	9301	4014N	12350W	24.4	150.2	FG		H	49	32
2667-18060	00000/0000	2-10025/0461	11/19/76	10	9301	3849N	12419W	25.5	149.5	FFFF		H	49	33
2667-18062	00000/0000	2-10025/0462	11/19/76	10	9301	3724N	12447W	26.6	148.8	FFFF		H	49	34
2667-18065	00000/0000	2-10025/0463	11/19/76	20	9301	3559N	12514W	27.6	148.1	FFFF		H	49	35
2668-14424	00000/0000	2-10025/0423	11/20/76	70	9313	4720N	07058W	18.7	153.6	GGGG			14	27
2668-14430	00000/0000	2-10025/0424	11/20/76	90	9313	4555N	07133W	19.8	152.9	GGGG			14	28
2668-14433	00000/0000	2-10025/0425	11/20/76	90	9313	4430N	07206W	20.9	152.2	GGGG			14	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0371

OBSERVATION ID	MICROFILM POSITION IN RBV	ROLL NO./ IN RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2668-14435	00000/0000	2-10025/0426	11/20/76	80	9313	4305N	07237W	22.0	151.6	GGGG			14	30
2668-14442	00000/0000	2-10025/0427	11/20/76	70	9313	4140N	07308W	23.1	150.9	GGGG			14	31
2668-14444	00000/0000	2-10025/0428	11/20/76	60	9313	4015N	07338W	24.2	150.2	GGFG			14	32
2668-14451	00000/0000	2-10025/0429	11/20/76	30	9313	3849N	07407W	25.3	149.5	GGGG			14	33
2668-14453	00000/0000	2-10025/0430	11/20/76	40	9313	3723N	07435W	26.4	148.8	GGGG			14	34
2668-14460	00000/0000	2-10025/0431	11/20/76	50	9313	3558N	07503W	27.4	148.1	FGGG			14	35
2668-14462	00000/0000	2-10025/0432	11/20/76	90	9313	3433N	07529W	28.5	147.4	GGGG			14	36
2668-14465	00000/0000	2-10025/0433	11/20/76	100	9313	3307N	07555W	29.5	146.6	GGGG			14	37
2668-14471	00000/0000	2-10025/0434	11/20/76	100	9313	3141N	07620W	30.6	145.9	GGGG			14	38
2668-14474	00000/0000	2-10025/0435	11/20/76	90	9313	3016N	07645W	31.6	145.1	GGGG			14	39
2668-14480	00000/0000	2-10025/0436	11/20/76	90	9313	2850N	07708W	32.6	144.3	GGGG			14	40
2668-14483	00000/0000	2-10025/0437	11/20/76	70	9313	2724N	07732W	33.6	143.5	GGGG			14	41
2668-16253	00000/0000	2-10025/0465	11/20/76	90	9314	4844N	09611W	17.6	154.2	FGGG			32	26
2668-16255	00000/0000	2-10025/0466	11/20/76	90	9314	4719N	09648W	18.7	153.6	GGGG			32	27
2668-16262	00000/0000	2-10025/0467	11/20/76	50	9314	4554N	09723W	19.8	152.9	GGGG			32	28
2668-16264	00000/0000	2-10025/0468	11/20/76	10	9314	4429N	09757W	20.9	152.2	GGGF			32	29
2668-16271	00000/0000	2-10025/0469	11/20/76	30	9314	4304N	09829W	22.0	151.6	GGGG			32	30
2668-16273	00000/0000	2-10025/0470	11/20/76	90	9314	4139N	09859W	23.1	150.9	GGGG			32	31
2668-16280	00000/0000	2-10025/0471	11/20/76	90	9314	4014N	09929W	24.2	150.2	GGGG			32	32
2668-16282	00000/0000	2-10025/0472	11/20/76	70	9314	3849N	09958W	25.3	149.5	GGGG			32	33
2668-16285	00000/0000	2-10025/0473	11/20/76	20	9314	3723N	10026W	26.4	148.8	PP			32	34
2668-16291	00000/0000	2-10025/0474	11/20/76	0	9314	3558N	10053W	27.4	148.1	GGGG			32	35
2668-16294	00000/0000	2-10025/0475	11/20/76	0	9314	3433N	10119W	28.5	147.4	GGGG			32	36
2668-16300	00000/0000	2-10025/0476	11/20/76	0	9314	3307N	10145W	29.5	146.6	GGPG			32	37
2668-16303	00000/0000	2-10025/0477	11/20/76	0	9314	3141N	10210W	30.6	145.9	GGG			32	38
2668-16305	00000/0000	2-10025/0478	11/20/76	0	9314	3015N	10235W	31.6	145.1	GGGG			32	39
2668-16312	00000/0000	2-10025/0479	11/20/76	10	9314	2849N	10259W	32.6	144.3	FGGG			32	40
2668-16314	00000/0000	2-10025/0480	11/20/76	10	9314	2723N	10323W	33.6	143.5	GGGG			32	41
2668-18085	00000/0000	2-10025/0415	11/20/76	20	9315	4844N	12158W	17.6	154.2	GGGG			50	26
2668-18091	00000/0000	2-10025/0416	11/20/76	40	9315	4719N	12234W	18.7	153.6	GGGG			50	27
2668-18094	00000/0000	2-10025/0417	11/20/76	70	9315	4554N	12309W	19.8	152.9	GGGG			50	28
2668-18100	00000/0000	2-10025/0418	11/20/76	40	9315	4430N	12342W	20.9	152.2	GGGG			50	29
2668-18103	00000/0000	2-10025/0419	11/20/76	40	9315	4304N	12415W	22.0	151.6	GGGP			50	30
2668-18105	00000/0000	2-10025/0420	11/20/76	60	9315	4139N	12446W	23.1	150.9	GGGG			50	31
2668-18112	00000/0000	2-10025/0421	11/20/76	70	9315	4014N	12516W	24.2	150.2	GGGG			50	32
2668-18114	00000/0000	2-10025/0422	11/20/76	70	9315	3848N	12545W	25.3	149.5	GGGG			50	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 037

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2668-21334	00000/0000	2-10025/0439	11/20/76	80	9317	5419N	17051W	13.0	157.1	GGGG		86	22
2668-21340	00000/0000	2-10025/0440	11/20/76	60	9317	5255N	17135W	14.2	156.3	GGG		86	23
2668-21343	00000/0000	2-10025/0438	11/20/76	50	9317	5131N	17218W	15.3	155.6	G GG		86	24
2669-14491	00000/0000	2-10025/0507	11/21/76	50	9327	4429N	07332W	20.7	152.2	GGGG		15	29
2669-14494	00000/0000	2-10025/0508	11/21/76	40	9327	4304N	07405W	21.8	151.6	GGGG		15	30
2669-14505	00000/0000	2-10025/0509	11/21/76	40	9327	3848N	07534W	25.1	149.5	GGGG		15	33
2669-14512	00000/0000	2-10025/0510	11/21/76	10	9327	3723N	07603W	26.1	148.8	GGGG		15	34
2669-14514	00000/0000	2-10025/0511	11/21/76	10	9327	3558N	07630W	27.2	148.1	GGGG		15	35
2669-14521	00000/0000	2-10025/0512	11/21/76	50	9327	3432N	07656W	28.3	147.4	GGGG		15	36
2669-14523	00000/0000	2-10025/0513	11/21/76	90	9327	3306N	07722W	29.3	146.7	GGGG		15	37
2669-14530	00000/0000	2-10025/0514	11/21/76	100	9327	3141N	07747W	30.4	145.9	GGGG		15	38
2669-14532	00000/0000	2-10025/0515	11/21/76	90	9327	3015N	07812W	31.4	145.2	GGGG		15	39
2669-14535	00000/0000	2-10025/0516	11/21/76	80	9327	2849N	07836W	32.4	144.4	GGGG		15	40
2669-14541	00000/0000	2-10025/0517	11/21/76	70	9327	2723N	07859W	33.4	143.5	GGGG		15	41
2669-14544	00000/0000	2-10025/0518	11/21/76	80	9327	2557N	07923W	34.4	142.7	GGGG		15	42
2669-14550	00000/0000	2-10025/0519	11/21/76	40	9327	2430N	07946W	35.4	141.8	GGGG		15	43
2669-16305	00000/0000	2-10025/0481	11/21/76	100	9328	5008N	09658W	16.2	154.9	FGGG		33	25
2669-16311	00000/0000	2-10025/0482	11/21/76	100	9328	4844N	09736W	17.3	154.2	GGGG		33	26
2669-16314	00000/0000	2-10025/0483	11/21/76	90	9328	4719N	09813W	18.5	153.6	FGGG		33	27
2669-16320	00000/0000	2-10025/0484	11/21/76	90	9328	4554N	09848W	19.6	152.9	PGGG		33	28
2669-16323	00000/0000	2-10025/0485	11/21/76	80	9328	4430N	09921W	20.7	152.2	GGGG		33	29
2669-16325	00000/0000	2-10025/0486	11/21/76	70	9328	4304N	09953W	21.8	151.6	GGGG		33	30
2669-16332	00000/0000	2-10025/0487	11/21/76	50	9328	4139N	10024W	22.9	150.9	FGGG		33	31
2669-16334	00000/0000	2-10025/0488	11/21/76	0	9328	4014N	10054W	24.0	150.2	GGGG		33	32
2669-16341	00000/0000	2-10025/0489	11/21/76	0	9328	3848N	10123W	25.1	149.5	GGGG		33	33
2669-16343	00000/0000	2-10025/0490	11/21/76	40	9328	3722N	10151W	26.1	148.8	GGGG		33	34
2669-16350	00000/0000	2-10025/0491	11/21/76	90	9328	3557N	10218W	27.2	148.1	GGGG		33	35
2669-16352	00000/0000	2-10025/0492	11/21/76	100	9328	3431N	10244W	28.3	147.4	GGGG		33	36
2669-16355	00000/0000	2-10025/0493	11/21/76	100	9328	3306N	10310W	29.3	146.7	GGGG		33	37
2669-16361	00000/0000	2-10025/0494	11/21/76	90	9328	3140N	10335W	30.4	145.9	GGGG		33	38
2669-16364	00000/0000	2-10025/0495	11/21/76	50	9328	3014N	10359W	31.4	145.2	FGGG		33	39
2669-16370	00000/0000	2-10025/0496	11/21/76	10	9328	2848N	10423W	32.4	144.4	GGGG		33	40
2669-16373	00000/0000	2-10025/0497	11/21/76	0	9328	2723N	10446W	33.4	143.5	GGGG		33	41
2669-18140	00000/0000	2-10025/0498	11/21/76	90	9329	5007N	12247W	16.2	154.9	GGGG		51	25
2669-18143	00000/0000	2-10025/0499	11/21/76	90	9329	4842N	12325W	17.3	154.2	GGGG		51	26
2669-18145	00000/0000	2-10025/0500	11/21/76	70	9329	4718N	12402W	18.5	153.6	GGGG		51	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0373

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SATBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS DATA	MSS MODE	MSS IMAGE GAIN	SATBIT PATH NUMBER	FRAME ROW NUMBER
2669-21392	00000/0000	2-10025/0520	11/21/76	70	9331	5422N	17214W	12.8	157.1	GGGG			87	22
2669-21394	00000/0000	2-10025/0521	11/21/76	80	9331	5258N	17269W	13.9	156.3	GGGG			87	23
2669-21401	00000/0000	2-10025/0522	11/21/76	60	9331	5134N	17342W	15.0	155.6	FGFG			87	24
2670-14540	00000/0000	2-10025/0523	11/22/76	70	9341	4718N	07351W	18.3	153.6	GGGG			16	27
2670-14543	00000/0000	2-10025/0524	11/22/76	80	9341	4553N	07425W	19.4	152.9	GGGF			16	28
2670-14545	00000/0000	2-10025/0525	11/22/76	80	9341	4429N	07458W	20.5	152.2	GGGG			16	29
2670-14552	00000/0000	2-10025/0526	11/22/76	80	9341	4303N	07531W	21.6	151.6	GGGG			16	30
2670-14554	00000/0000	2-10025/0527	11/22/76	50	9341	4138N	07602W	22.7	150.9	GGGG			16	31
2670-14561	00000/0000	2-10025/0528	11/22/76	50	9341	4013N	07631W	23.8	150.2	GGGG			16	32
2670-14563	00000/0000	2-10025/0529	11/22/76	40	9341	3848N	07700W	24.9	149.6	GGGG			16	33
2670-14570	00000/0000	2-10025/0530	11/22/76	30	9341	3723N	07728W	25.9	148.9	GGGG			16	34
2670-14572	00000/0000	2-10025/0531	11/22/76	10	9341	3557N	07756W	27.0	148.2	GGGG			16	35
2670-14575	00000/0000	2-10025/0532	11/22/76	0	9341	3431N	07823W	28.1	147.5	GGGG			16	36
2670-14581	00000/0000	2-10025/0533	11/22/76	10	9341	3305N	07849W	29.1	146.7	GGGG			16	37
2670-14584	00000/0000	2-10025/0534	11/22/76	20	9341	3139N	07915W	30.2	146.0	GGGG			16	38
2670-14590	00000/0000	2-10025/0535	11/22/76	30	9341	3013N	07939W	31.2	145.2	FGGG			16	39
2670-14593	00000/0000	2-10025/0536	11/22/76	30	9341	2847N	08003W	32.2	144.4	GGGG			16	40
2670-14595	00000/0000	2-10025/0537	11/22/76	40	9341	2722N	08026W	33.2	143.6	GGGG			16	41
2670-15002	00000/0000	2-10025/0539	11/22/76	90	9341	2556N	08049W	34.2	142.8	GG		H	16	42
2670-15004	00000/0000	2-10025/0538	11/22/76	80	9341	2430N	08112W	35.2	141.9	FGGG		H	16	43
2670-15363	00000/0000	2-10025/0545	11/22/76	70	9342	5008N	09824W	16.0	154.9	F			34	25
2670-16365	00000/0000	2-10025/0546	11/22/76	30	9342	4843N	09902W	17.1	154.2	GGGG			34	26
2670-16372	00000/0000	2-10025/0547	11/22/76	40	9342	4719N	09939W	18.2	153.6	GGGG			34	27
2670-16374	00000/0000	2-10025/0548	11/22/76	80	9342	4554N	10014W	19.4	152.9	GGGG			34	28
2670-16381	00000/0000	2-10025/0549	11/22/76	100	9342	4429N	10047W	20.5	152.2	GGGG			34	29
2670-16383	00000/0000	2-10025/0550	11/22/76	90	9342	4304N	10119W	21.6	151.6	FGGG			34	30
2670-16390	00000/0000	2-10025/0551	11/22/76	70	9342	4138N	10150W	22.7	150.9	FGGG			34	31
2670-16392	00000/0000	2-10025/0552	11/22/76	60	9342	4013N	10220W	23.8	150.2	FGGG			34	32
2670-16395	00000/0000	2-10025/0553	11/22/76	70	9342	3848N	10249W	24.8	149.6	GGGG			34	33
2670-16401	00000/0000	2-10025/0554	11/22/76	10	9342	3722N	10316W	25.9	148.9	GGGG			34	34
2670-16404	00000/0000	2-10025/0555	11/22/76	40	9342	3557N	10343W	27.0	148.2	GGGG			34	35
2670-16410	00000/0000	2-10025/0556	11/22/76	10	9342	3431N	10410W	28.0	147.5	GGGG			34	36
2670-16413	00000/0000	2-10025/0557	11/22/76	20	9342	3305N	10436W	29.1	146.7	GGGG			34	37
2670-16415	00000/0000	2-10025/0558	11/22/76	10	9342	3139N	10502W	30.1	146.0	GGGG			34	38
2670-16422	00000/0000	2-10025/0559	11/22/76	10	9342	3013N	10526W	31.2	145.2	GGGG			34	39
2670-16424	00000/0000	2-10025/0560	11/22/76	20	9342	2847N	10550W	32.2	144.4	GGGG			34	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0374

01:29 APR 28, 1977

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS QUAL 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2670-21450	00000/0000	2-10025/0540	11/22/76	80	9345	5421N	17342W	12.5	157.1	GGGG			88	22
2670-21453	00000/0000	2-10025/0541	11/22/76	70	9345	5257N	17427W	13.7	156.3	GGGG			88	23
2670-21455	00000/0000	2-10025/0542	11/22/76	50	9345	5133N	17509W	14.8	155.6	GGGG			88	24
2671-15001	00000/0000	2-10025/0622	11/23/76	90	9355	4556N	07548W	19.1	152.9	GGGG			17	28
2671-15003	00000/0000	2-10025/0623	11/23/76	70	9355	4431N	07622W	20.2	152.3	GGGG			17	29
2671-15010	00000/0000	2-10025/0624	11/23/76	80	9355	4306N	07654W	21.3	151.6	GGGG			17	30
2671-15012	00000/0000	2-10025/0625	11/23/76	80	9355	4141N	07725W	22.4	150.9	GGGG			17	31
2671-15015	00000/0000	2-10025/0626	11/23/76	40	9355	4015N	07755W	23.5	150.3	GGGG			17	32
2671-15021	00000/0000	2-10025/0627	11/23/76	30	9355	3850N	07824W	24.6	149.6	GGGG			17	33
2671-15024	00000/0000	2-10025/0628	11/23/76	40	9355	3725N	07852W	25.7	148.9	GGGG			17	34
2671-15030	00000/0000	2-10025/0629	11/23/76	10	9355	3559N	07919W	26.8	148.2	GGGG			17	35
2671-15033	00000/0000	2-10025/0630	11/23/76	0	9355	3434N	07946W	27.8	147.5	GGGG			17	36
2671-15035	00000/0000	2-10025/0631	11/23/76	10	9355	3308N	08012W	28.9	146.8	GGGG			17	37
2671-15042	00000/0000	2-10025/0632	11/23/76	10	9355	3142N	08037W	29.9	146.0	GGGG			17	38
2671-15044	00000/0000	2-10025/0633	11/23/76	10	9355	3016N	08102W	30.9	145.3	GGGG			17	39
2671-15051	00000/0000	2-10025/0634	11/23/76	10	9355	2850N	08126W	32.0	144.5	GGGG			17	40
2671-15053	00000/0000	2-10025/0635	11/23/76	10	9355	2724N	08150W	33.0	143.7	GGGG			17	41
2671-15060	00000/0000	2-10025/0636	11/23/76	30	9355	2558N	08213W	34.0	142.9	GGGG			17	42
2671-15062	00000/0000	2-10025/0637	11/23/76	70	9355	2432N	08236W	35.0	142.0	GGGG			17	43
2671-16421	00000/0000	2-10025/0561	11/23/76	90	9356	5010N	09949W	15.7	154.9	GGGG			35	25
2671-16423	00000/0000	2-10025/0562	11/23/76	90	9356	4845N	10027W	16.9	154.2	GGGG			35	26
2671-16430	00000/0000	2-10025/0563	11/23/76	90	9356	4721N	10104W	18.0	153.6	GGGG			35	27
2671-16432	00000/0000	2-10025/0564	11/23/76	70	9356	4556N	10139W	19.1	152.9	GGGG			35	28
2671-16435	00000/0000	2-10025/0565	11/23/76	10	9356	4431N	10212W	20.2	152.3	GGGG			35	29
2671-16441	00000/0000	2-10025/0566	11/23/76	10	9356	4306N	10244W	21.3	151.6	GGGG			35	30
2671-16444	00000/0000	2-10025/0567	11/23/76	10	9356	4140N	10315W	22.4	150.9	GGGG			35	31
2671-16450	00000/0000	2-10025/0568	11/23/76	10	9356	4015N	10345W	23.5	150.3	GGGG			35	32
2671-16453	00000/0000	2-10025/0569	11/23/76	10	9356	3850N	10414W	24.6	149.6	GGGG			35	33
2671-16455	00000/0000	2-10025/0570	11/23/76	0	9356	3724N	10442W	25.7	148.9	GGGG			35	34
2671-16462	00000/0000	2-10025/0571	11/23/76	0	9356	3558N	10509W	26.7	148.2	GGGG			35	35
2671-16464	00000/0000	2-10025/0572	11/23/76	0	9356	3433N	10536W	27.8	147.5	GGGG			35	36
2671-16471	00000/0000	2-10025/0573	11/23/76	0	9356	3307N	10601W	28.9	146.8	GGGG			35	37
2671-16473	00000/0000	2-10025/0574	11/23/76	10	9356	3142N	10625W	29.9	146.0	GGGG			35	38
2671-16480	00000/0000	2-10025/0575	11/23/76	40	9356	3016N	10650W	30.9	145.3	GGGG			35	39
2671-21511	00000/0000	2-10025/0543	11/23/76	50	9359	5257N	17552W	13.5	156.3	GGGG			89	23
2671-21513	00000/0000	2-10025/0544	11/23/76	70	9359	5132N	17635W	14.6	155.6	GGGG			89	24

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0375

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2672-15062	00000/0000	2-10025/0578	11/24/76	80	9369	4430N 07748W	20.0	152.3	GGGG			18	29
2672-15064	00000/0000	2-10025/0579	11/24/76	60	9369	4305N 07820W	21.1	151.6	GGGG			18	30
2672-15071	00000/0000	2-10025/0580	11/24/76	60	9369	4140N 07851W	22.2	150.9	GGGG			18	31
2672-15073	00000/0000	2-10025/0581	11/24/76	90	9369	4015N 07921W	23.3	150.3	GGGG			18	32
2672-15080	00000/0000	2-10025/0582	11/24/76	100	9369	3849N 07950W	24.4	149.6	GGGG			18	33
2672-15082	00000/0000	2-10025/0583	11/24/76	90	9369	3724N 08018W	25.5	148.9	GGGG			18	34
2672-15085	00000/0000	2-10025/0584	11/24/76	60	9369	3558N 08046W	26.5	148.2	GGGG			18	35
2672-15091	00000/0000	2-10025/0585	11/24/76	30	9369	3432N 08113W	27.6	147.5	GGGG			18	36
2672-15094	00000/0000	2-10025/0586	11/24/76	10	9369	3306N 08139W	28.7	146.8	GGGG			18	37
2672-15105	00000/0000	2-10025/0587	11/24/76	40	9369	2849N 08253W	31.8	144.5	GGGG			18	40
2672-15112	00000/0000	2-10025/0588	11/24/76	10	9369	2723N 08316W	32.8	143.7	GGGG			18	41
2672-16475	00000/0000	2-10025/0592	11/24/76	50	9370	5009N 10117W	15.5	154.9	GGGG			36	25
2672-16482	00000/0000	2-10025/0593	11/24/76	70	9370	4844N 10155W	16.7	154.2	GGGG			36	26
2672-16484	00000/0000	2-10025/0594	11/24/76	70	9370	4719N 10231W	17.8	153.6	GGGG			36	27
2672-16491	00000/0000	2-10025/0595	11/24/76	60	9370	4554N 10306W	18.9	152.9	GGGG			36	28
2672-16493	00000/0000	2-10025/0596	11/24/76	10	9370	4429N 10340W	20.0	152.3	GGGG			36	29
2672-16500	00000/0000	2-10025/0597	11/24/76	10	9370	4304N 10412W	21.1	151.6	GGGG			36	30
2672-16502	00000/0000	2-10025/0598	11/24/76	10	9370	4139N 10442W	22.2	150.9	GGGG			36	31
2672-16505	00000/0000	2-10025/0599	11/24/76	10	9370	4013N 10512W	23.3	150.3	GGGG			36	32
2672-16511	00000/0000	2-10025/0600	11/24/76	10	9370	3849N 10541W	24.4	149.6	GGGG			36	33
2672-16514	00000/0000	2-10025/0601	11/24/76	0	9370	3724N 10609W	25.5	148.9	GGGG			36	34
2672-16520	00000/0000	2-10025/0602	11/24/76	0	9370	3558N 10636W	26.5	148.2	GGGG			36	35
2672-16523	00000/0000	2-10025/0603	11/24/76	0	9370	3432N 10703W	27.6	147.5	GGGG			36	36
2672-16525	00000/0000	2-10025/0604	11/24/76	10	9370	3307N 10728W	28.7	146.8	GGGG			36	37
2672-16532	00000/0000	2-10025/0605	11/24/76	40	9370	3142N 10753W	29.7	146.1	GGGG			36	38
2672-16534	00000/0000	2-10025/0606	11/24/76	60	9370	3016N 10818W	30.7	145.3	GGGG			36	39
2672-21565	00000/0000	2-10025/0576	11/24/76	60	9373	5259N 17717W	13.2	156.3	GGGF			90	23
2672-21571	00000/0000	2-10025/0577	11/24/76	70	9373	5134N 17759W	14.4	155.6	GGGF			90	24
2673-15104	00000/0000	2-10025/0640	11/25/76	30	9383	4844N 07731W	16.5	154.2	GGGG			19	26
2673-15111	00000/0000	2-10025/0641	11/25/76	20	9383	4720N 07806W	17.6	153.5	GGGG			19	27
2673-15113	00000/0000	2-10025/0642	11/25/76	90	9383	4555N 07840W	18.7	152.9	GGGG			19	28
2673-15120	00000/0000	2-10025/0643	11/25/76	90	9383	4430N 07914W	19.8	152.2	GGGG			19	29
2673-15122	00000/0000	2-10025/0644	11/25/76	100	9383	4305N 07946W	20.9	151.6	GGGG			19	30
2673-15125	00000/0000	2-10025/0645	11/25/76	60	9383	4139N 08017W	22.0	150.9	GGGG			19	31
2673-15131	00000/0000	2-10025/0646	11/25/76	90	9383	4014N 08047W	23.1	150.3	GGGG			19	32
2673-15134	00000/0000	2-10025/0647	11/25/76	60	9383	3848N 08117W	24.2	149.6	GGGG			19	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, 1=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0376

OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2673-15140	00000/0000	2-10025/0648	11/25/76	30	9383	3723N	08145W	25.3	148.9	GGGG		19	34
2673-15143	00000/0000	2-10025/0649	11/25/76	20	9383	3557N	08213W	26.4	148.2	FFFF		19	35
2673-15145	00000/0000	2-10025/0650	11/25/76	0	9383	3432N	08239W	27.4	147.5	FFFF		19	36
2673-15154	00000/0000	2-10025/0651	11/25/76	20	9383	3140N	08330W	29.5	146.1	GGGG		19	38
2673-15161	00000/0000	2-10025/0652	11/25/76	10	9383	3015N	08354W	30.5	145.3	GGGG		19	39
2673-15163	00000/0000	2-10025/0653	11/25/76	10	9383	2849N	08418W	31.6	144.6	GGGG		19	40
2673-15170	00000/0000	2-10025/0654	11/25/76	30	9383	2723N	08442W	32.6	143.8	GGGG		19	41
2673-16533	00000/0000	2-10025/0607	11/25/76	10	9384	5009N	10243W	15.3	154.9	GGGG		37	25
2673-16540	00000/0000	2-10025/0608	11/25/76	40	9384	4844N	10321W	16.5	154.2	GGGG		37	26
2673-16542	00000/0000	2-10025/0609	11/25/76	90	9384	4719N	10358W	17.6	153.5	GGGG		37	27
2673-16545	00000/0000	2-10025/0610	11/25/76	80	9384	4554N	10432W	18.7	152.9	GGGG		37	28
2673-16551	00000/0000	2-10025/0611	11/25/76	70	9384	4428N	10506W	19.8	152.2	GGGG		37	29
2673-16554	00000/0000	2-10025/0612	11/25/76	50	9384	4303N	10537W	20.9	151.6	GGGG		37	30
2673-16560	00000/0000	2-10025/0613	11/25/76	40	9384	4138N	10609W	22.0	150.9	GGGG		37	31
2673-16563	00000/0000	2-10025/0614	11/25/76	30	9384	4013N	10639W	23.1	150.3	GGGG		37	32
2673-16565	00000/0000	2-10025/0615	11/25/76	10	9384	3848N	10708W	24.2	149.6	GGGG		37	33
2673-16572	00000/0000	2-10025/0616	11/25/76	0	9384	3723N	10736W	25.3	148.9	GGGG		37	34
2673-16574	00000/0000	2-10025/0617	11/25/76	0	9384	3557N	10803W	26.3	148.2	GGGG		37	35
2673-16581	00000/0000	2-10025/0618	11/25/76	0	9384	3432N	10830W	27.4	147.5	GGGG		37	36
2673-16583	00000/0000	2-10025/0619	11/25/76	0	9384	3305N	10856W	28.5	146.8	GGGG		37	37
2673-16590	00000/0000	2-10025/0620	11/25/76	10	9384	3140N	10921W	29.5	146.1	GGGG		37	38
2673-16592	00000/0000	2-10025/0621	11/25/76	10	9384	3015N	10946W	30.5	145.4	GGGG		37	39
2673-22030	00000/0000	2-10025/0669	11/25/76	70	9387	5134N	17924W	14.2	155.6	GGGG		91	24
2674-15183	00000/0000	2-10025/0638	11/26/76	90	9397	4142N	08143W	21.8	151.0	GGGG		20	31
2674-15185	00000/0000	2-10025/0639	11/26/76	90	9397	4016N	08213W	22.9	150.3	GGGG		20	32
2674-16594	00000/0000	2-10025/0656	11/26/76	40	9398	4846N	10444W	16.2	154.2	GGGG		38	26
2674-17000	00000/0000	2-10025/0657	11/26/76	40	9398	4722N	10521W	17.4	153.5	GGGG		38	27
2674-17003	00000/0000	2-10025/0658	11/26/76	50	9398	4557N	10556W	18.5	152.9	GGGG		38	28
2674-17005	00000/0000	2-10025/0659	11/26/76	80	9398	4432N	10629W	19.6	152.2	GGGG		38	29
2674-17012	00000/0000	2-10025/0660	11/26/76	70	9398	4306N	10701W	20.7	151.6	G GG		38	30
2674-17014	00000/0000	2-10025/0661	11/26/76	70	9398	4141N	10732W	21.8	150.9	GGGG		38	31
2674-17021	00000/0000	2-10025/0662	11/26/76	40	9398	4015N	10802W	22.9	150.3	GFGG		38	32
2674-17023	00000/0000	2-10025/0663	11/26/76	60	9398	3850N	10831W	24.0	149.6	GFGG		38	33
2674-17030	00000/0000	2-10025/0664	11/26/76	20	9398	3725N	10859W	25.0	148.0	GFGG		38	34
2674-17032	00000/0000	2-10025/0665	11/26/76	0	9398	3553N	10927W	26.1	148.3	GGGG		38	35
2674-17035	00000/0000	2-10025/0665	11/26/76	0	9398	3433N	10953W	27.2	147.6	GGGG		38	36

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0377

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2674-17041	00000/0000	2-10025/0666	11/26/76	0	9398	3308N 11019W	28.2	146.9	GGGG			38	37
2674-17044	00000/0000	2-10025/0667	11/26/76	0	9398	3142N 11044W	29.3	146.1	GGGG			38	38
2674-17050	00000/0000	2-10025/0668	11/26/76	10	9398	3016N 11109W	30.3	145.4	GGGG			38	39
2675-15230	00000/0000	2-10025/0690	11/27/76	70	9411	4555N 08134W	18.3	152.9	GGGG			21	28
2675-15232	00000/0000	2-10025/0691	11/27/76	80	9411	4430N 08207W	19.4	152.2	GGGG			21	29
2675-15235	00000/0000	2-10025/0692	11/27/76	90	9411	4305N 08239W	20.5	151.6	GGGG			21	30
2675-15241	00000/0000	2-10025/0693	11/27/76	80	9411	4141N 08310W	21.6	150.9	GGGG			21	31
2675-15244	00000/0000	2-10025/0694	11/27/76	80	9411	4015N 08340W	22.7	150.3	GGGG			21	32
2675-15250	00000/0000	2-10025/0695	11/27/76	60	9411	3850N 08409W	23.8	149.6	GGGG			21	33
2675-15253	00000/0000	2-10025/0696	11/27/76	50	9411	3724N 08437W	24.9	149.0	GGGG			21	34
2675-15255	00000/0000	2-10025/0697	11/27/76	50	9411	3558N 08505W	25.9	148.3	GGGG			21	35
2675-15262	00000/0000	2-10025/0698	11/27/76	70	9411	3432N 08531W	27.0	147.6	GGGG			21	36
2675-15264	00000/0000	2-10025/0699	11/27/76	80	9411	3307N 08557W	28.0	146.9	GGGG			21	37
2675-15271	00000/0000	2-10025/0700	11/27/76	90	9411	3141N 08623W	29.1	146.2	GGGG			21	38
2675-15273	00000/0000	2-10025/0701	11/27/76	90	9411	3015N 08648W	30.1	145.4	GGGG			21	39
2675-15280	00000/0000	2-10025/0702	11/27/76	90	9411	2849N 08712W	31.2	144.7	GGGG			21	40
2675-15282	00000/0000	2-10025/0703	11/27/76	70	9411	2723N 08736W	32.2	143.9	GGGG			21	41
2675-17050	00000/0000	2-10025/0190	11/27/76	40	9412	5010N 10533W	14.9	154.8	GGGG			39	25
2675-17052	00000/0000	2-10025/0191	11/27/76	20	9412	4845N 10611W	16.0	154.2	GGGG			39	26
2675-17055	00000/0000	2-10025/0192	11/27/76	10	9412	4720N 10647W	17.2	153.7	GGGG			39	27
2675-17061	00000/0000	2-10025/0193	11/27/76	10	9412	4555N 10722W	18.3	152.9	GGGG			39	28
2675-17064	00000/0000	2-10025/0194	11/27/76	10	9412	4431N 10756W	19.4	152.2	GGGG			39	29
2675-17070	00000/0000	2-10025/0195	11/27/76	10	9412	4306N 10828W	20.5	151.6	GGGG			39	30
2675-17073	00000/0000	2-10025/0196	11/27/76	10	9412	4140N 10858W	21.6	150.9	GGGG			39	31
2675-17075	00000/0000	2-10025/0197	11/27/76	10	9412	4015N 10928W	22.7	150.3	GGGG			39	32
2675-17082	00000/0000	2-10025/0198	11/27/76	10	9412	3850N 10957W	23.8	149.6	GGGG			39	33
2675-17084	00000/0000	2-10025/0199	11/27/76	10	9412	3724N 11025W	24.9	149.0	GGGG			39	34
2675-17091	00000/0000	2-10025/0200	11/27/76	30	9412	3559N 11052W	25.9	148.3	GGGG			39	35
2675-17093	00000/0000	2-10025/0201	11/27/76	50	9412	3432N 11118W	27.0	147.6	GGGG			39	36
2675-17100	00000/0000	2-10025/0202	11/27/76	70	9412	3307N 11144W	28.0	146.9	GGGG			39	37
2675-17102	00000/0000	2-10025/0203	11/27/76	70	9412	3141N 11209W	29.1	146.2	GGGG			39	38
2675-17105	00000/0000	2-10025/0204	11/27/76	90	9412	3016N 11234W	30.1	145.4	GGGG			39	39
2676-15281	00000/0000	2-10025/0704	11/28/76	40	9425	4723N 08223W	16.9	153.5	GGGG			22	27
2676-15284	00000/0000	2-10025/0705	11/28/76	50	9425	4558N 08259W	18.1	152.9	GGGG			22	28
2676-15290	00000/0000	2-10025/0706	11/28/76	40	9425	4433N 08332W	19.2	152.2	GGGG			22	29
2676-15293	00000/0000	2-10025/0707	11/28/76	40	9425	4308N 08405W	20.3	151.6	GGGG			22	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANK)=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0378

OBSERVATION ID	MICROFILM POSITION IN REEL RBV	REEL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS. 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2676-15295	00000/0000	2-10025/0708	11/28/76	60	9425	4143N	08435W	21.4	150.9	GGGG		22	31
2676-15302	00000/0000	2-10025/0709	11/28/76	80	9425	4018N	08505W	22.5	150.3	GGGG		22	32
2676-15304	00000/0000	2-10025/0710	11/28/76	90	9425	3853N	08533W	23.5	149.6	GGGG		22	33
2676-15311	00000/0000	2-10025/0711	11/28/76	90	9425	3728N	08601W	24.6	149.0	GGGG		22	34
2676-15313	00000/0000	2-10025/0712	11/28/76	90	9425	3602N	08628W	25.7	148.3	GGGG		22	35
2676-15320	00000/0000	2-10025/0713	11/28/76	90	9425	3436N	08655W	26.8	147.6	GGGG		22	36
2676-15322	00000/0000	2-10025/0714	11/28/76	90	9425	3310N	08721W	27.8	146.9	GGGG		22	37
2676-15325	00000/0000	2-10025/0715	11/28/76	90	9425	3144N	08746W	28.9	146.2	GGGG		22	38
2676-15331	00000/0000	2-10025/0716	11/28/76	90	9425	3018N	08811W	29.9	145.5	GGGG		22	39
2676-15334	00000/0000	2-10025/0717	11/28/76	80	9425	2852N	08835W	30.9	144.7	GGGG		22	40
2676-15340	00000/0000	2-10025/0718	11/28/76	50	9425	2726N	08900W	31.9	143.9	GGGG		22	41
2676-17110	00000/0000	2-10025/0720	11/28/76	70	9426	4847N	10735W	15.8	154.2	GGGG		40	26
2676-17113	00000/0000	2-10025/0721	11/28/76	90	9426	4723N	10812W	16.9	153.5	GGGG		40	27
2676-17115	00000/0000	2-10025/0722	11/28/76	100	9426	4559N	10847W	18.0	152.9	G		40	28
2676-17122	00000/0000	2-10025/0723	11/28/76	80	9426	4434N	10920W	19.2	152.2	GGGG		40	29
2676-17124	00000/0000	2-10025/0724	11/28/76	60	9426	4308N	10953W	20.3	151.6	GGGG		40	30
2676-17131	00000/0000	2-10025/0725	11/28/76	70	9426	4142N	11024W	21.4	150.9	GGGG		40	31
2676-17133	00000/0000	2-10025/0719	11/28/76	30	9426	4016N	11054W	22.4	150.3	G GG		40	32
2676-17140	00000/0000	2-10025/0726	11/28/76	0	9426	3851N	11122W	23.5	149.6	GGG		40	33
2676-17142	00000/0000	2-10025/0727	11/28/76	10	9426	3726N	11150W	24.6	149.0	GGG		40	34
2676-17145	00000/0000	2-10025/0728	11/28/76	10	9426	3601N	11218W	25.7	148.3	GG		40	35
2676-17151	00000/0000	2-10025/0729	11/28/76	0	9426	3436N	11244W	26.7	147.6	GG		40	36
2676-17154	00000/0000	2-10025/0730	11/28/76	0	9426	3310N	11310W	27.8	146.9	G G		40	37
2676-17160	00000/0000	2-10025/0731	11/28/76	10	9426	3144N	11335W	28.9	146.2	GGG		40	38
2676-17163	00000/0000	2-10025/0732	11/28/76	10	9426	3018N	11400W	29.9	145.5	GGFF		40	39
2677-15333	00000/0000	2-10025/0738	11/29/76	20	9439	4847N	08314W	15.6	154.1	GGGG		23	26
2677-15335	00000/0000	2-10025/0739	11/29/76	20	9439	4722N	08350W	16.8	153.5	GGGG		23	27
2677-15342	00000/0000	2-10025/0740	11/29/76	30	9439	4557N	08425W	17.9	152.8	GGGG		23	28
2677-15344	00000/0000	2-10025/0741	11/29/76	20	9439	4432N	08459W	19.0	152.2	GGGG		23	29
2677-15351	00000/0000	2-10025/0742	11/29/76	60	9439	4307N	08531W	20.1	151.6	GGGG		23	30
2677-15353	00000/0000	2-10025/0743	11/29/76	40	9439	4141N	08602W	21.2	150.9	GGGG		23	31
2677-15360	00000/0000	2-10025/0744	11/29/76	40	9439	4016N	08632W	22.3	150.3	GGGG		23	32
2677-15362	00000/0000	2-10025/0745	11/29/76	40	9439	3851N	08702W	23.4	149.6	GGGG		23	33
2677-15365	00000/0000	2-10025/0746	11/29/76	20	9439	3725N	08730W	24.4	149.0	GGGG		23	34
2677-15371	00000/0000	2-10025/0747	11/29/76	10	9439	3559N	08758W	25.5	148.3	GGGG		23	35
2677-15374	00000/0000	2-10025/0748	11/29/76	10	9439	3433N	08824W	26.6	147.6	GGGG		23	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0379

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN FLV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME NRW NUMBER
2677-15380	00000/0000	2-10025/0749	11/29/76	20	9439	3308N 08849W	27.6	146.9	GGGG			23	37
2677-15383	00000/0000	2-10025/0750	11/29/76	30	9439	3143N 08915W	28.7	146.2	GGGG			23	38
2677-15385	00000/0000	2-10025/0751	11/29/76	50	9439	3017N 08939W	29.7	145.5	GFGG			23	39
2677-15392	00000/0000	2-10025/0752	11/29/76	70	9439	2851N 09004W	30.7	144.7	GFGG			23	40
2677-17164	00000/0000	2-10025/0753	11/29/76	90	9440	4847N 10902W	15.6	154.1	GGGG			41	26
2677-17171	00000/0000	2-10025/0754	11/29/76	90	9440	4722N 10939W	16.8	153.5	GGGG			41	27
2677-17173	00000/0000	2-10025/0755	11/29/76	90	9440	4557N 11014W	17.9	152.8	GGGG			41	28
2677-17180	00000/0000	2-10025/0756	11/29/76	90	9440	4432N 11048W	19.0	152.2	GGGG			41	29
2677-17182	00000/0000	2-10025/0757	11/29/76	40	9440	4308N 11120W	20.1	151.6	GGGG			41	30
2677-17185	00000/0000	2-10025/0758	11/29/76	10	9440	4142N 11150W	21.2	150.9	GGGG			41	31
2677-17191	00000/0000	2-10025/0759	11/29/76	20	9440	4016N 11220W	22.3	150.3	GGGG			41	32
2677-17194	00000/0000	2-10025/0760	11/29/76	0	9440	3850N 11249W	23.4	149.6	GGFG			41	33
2677-17200	00000/0000	2-10025/0761	11/29/76	0	9440	3725N 11317W	24.4	149.0	GGGG			41	34
2677-17203	00000/0000	2-10025/0762	11/29/76	0	9440	3600N 11345W	25.5	148.3	GFGG			41	35
2677-17205	00000/0000	2-10025/0763	11/29/76	0	9440	3434N 11411W	26.6	147.6	GGGG			41	36
2677-17212	00000/0000	2-10025/0764	11/29/76	0	9440	3308N 11437W	27.6	146.9	GGGG			41	37
2677-17214	00000/0000	2-10025/0765	11/29/76	0	9440	3142N 11502W	28.7	146.2	GGFG			41	38
2677-20411	00000/0000	2-10025/0772	11/29/76	100	9442	5547N 15708W	10.0	157.5	FFFG			77	21
2677-20414	00000/0000	2-10025/0773	11/29/76	100	9442	5422N 15755W	11.1	156.8	FFFG			77	22
2678-15391	2-10025/1637	2-10025/0790	11/30/76	10	9453	4846N 08439W	15.4	154.1	GGG GGGG			24	26
2678-15393	2-10025/1638	00000/0000	11/30/76	50	9453	4724N 08511W	16.5	153.5	GGG			24	27
2678-15394	00000/0000	2-10025/0791	11/30/76	50	9453	4721N 08516W	16.6	153.4	GGGG			24	27
2678-15400	00000/0000	2-10025/0792	11/30/76	40	9453	4557N 08551W	17.7	152.8	GGGG			24	28
2678-15403	00000/0000	2-10025/0793	11/30/76	50	9453	4432N 08624W	19.2	151.9	GGGG			24	29
2678-15405	00000/0000	2-10025/0794	11/30/76	60	9453	4307N 08657W	19.9	151.5	GGGG			24	30
2678-15411	2-10025/1639	00000/0000	11/30/76	30	9453	4144N 08723W	21.0	150.9	GGG			24	31
2678-15412	00000/0000	2-10025/0795	11/30/76	20	9453	4141N 08728W	21.0	150.9	GGG			24	31
2678-15414	2-10025/1640	2-10025/0796	11/30/76	10	9453	4016N 08758W	22.1	150.3	GGG GGGG			24	32
2678-15420	2-10025/1641	00000/0000	11/30/76	10	9453	3853N 08822W	23.1	149.6	GGG			24	33
2678-15421	00000/0000	2-10025/0797	11/30/76	10	9453	3850N 08826W	23.2	149.6	FGGG			24	33
2678-15423	2-10025/1642	2-10025/0798	11/30/76	0	9453	3725N 08854W	24.2	149.0	GGG GGGG			24	34
2678-15425	2-10025/1643	00000/0000	11/30/76	10	9453	3603N 08917W	25.3	148.3	GGG			24	35
2678-15430	00000/0000	2-10025/0799	11/30/76	0	9453	3600N 08921W	25.3	148.3	GGGF			24	35
2678-15432	2-10025/1644	2-10025/0800	11/30/76	0	9453	3434N 08947W	26.4	147.6	GGG GGGG			24	36
2678-15434	2-10025/1645	00000/0000	11/30/76	10	9453	3311N 09008W	27.4	146.9	GGG			24	37
2678-15435	00000/0000	2-10025/0801	11/30/76	0	9453	3309N 09013W	27.5	146.9	GGGG			24	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01129 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0380

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2678-17223	00000/0000	2-10025/0777	11/30/76	30	9454	4846N	11029W	15.5	154.1	FGGG		42	26
2678-17225	00000/0000	2-10025/0778	11/30/76	80	9454	4721N	11105W	16.6	153.4	FGGG		42	27
2678-17232	00000/0000	2-10025/0779	11/30/76	80	9454	4556N	11140W	17.7	152.8	FGGG		42	28
2678-17234	00000/0000	2-10025/0780	11/30/76	40	9454	4430N	11213W	18.8	152.2	GGGG		42	29
2678-17241	00000/0000	2-10025/0781	11/30/76	50	9454	4305N	11246W	19.9	151.5	GGFG		42	30
2678-17243	00000/0000	2-10025/0782	11/30/76	10	9454	4141N	11317W	21.0	150.9	GGGG		42	31
2678-17250	00000/0000	2-10025/0783	11/30/76	10	9454	4016N	11347W	22.1	150.2	FGFG		42	32
2678-17252	00000/0000	2-10025/0784	11/30/76	0	9454	3850N	11417W	23.2	149.6	GGFG		42	33
2678-17255	00000/0000	2-10025/0785	11/30/76	0	9454	3725N	11445W	24.3	148.9	GGFG		42	34
2678-17261	00000/0000	2-10025/0786	11/30/76	0	9454	3559N	11512W	25.3	148.3	GGFG		42	35
2678-17264	00000/0000	2-10025/0787	11/30/76	0	9454	3433N	11539W	26.4	147.6	GGFG		42	36
2678-17270	00000/0000	2-10025/0788	11/30/76	0	9454	3308N	11605W	27.4	146.9	GGFG		42	37
2678-17273	00000/0000	2-10025/0789	11/30/76	0	9454	3142N	11629W	28.5	146.2	GGGG		42	38
2678-20465	00000/0000	2-10025/0774	11/30/76	90	9456	5550N	15829W	9.8	157.5	GGGF		78	21
2678-20472	00000/0000	2-10025/0775	11/30/76	90	9456	5426N	15917W	10.9	156.8	GGGF		78	22
2678-22303	00000/0000	2-10025/0776	11/30/76	100	9457	5423N	17451E	10.9	156.8	FGG		96	22
2679-15445	00000/0000	2-10025/0802	12/01/76	20	9467	4845N	08604W	15.3	154.0	GGGG		25	26
2679-15452	00000/0000	2-10025/0803	12/01/76	50	9467	4720N	08640W	16.4	153.4	GGGG		25	27
2679-15454	00000/0000	2-10025/0804	12/01/76	30	9467	4555N	08716W	17.5	152.7	GGGG		25	28
2679-15461	00000/0000	2-10025/0805	12/01/76	50	9467	4431N	08749W	18.6	152.1	GGGG		25	29
2679-15463	00000/0000	2-10025/0806	12/01/76	20	9467	4306N	08822W	19.7	151.5	GGGG		25	30
2679-15470	00000/0000	2-10025/0807	12/01/76	20	9467	4141N	08853W	20.8	150.9	GGGG		25	31
2679-15472	00000/0000	2-10025/0808	12/01/76	50	9467	4015N	08922W	21.9	150.2	GGGG		25	32
2679-15475	00000/0000	2-10025/0809	12/01/76	70	9467	3850N	08951W	23.0	149.6	GGGG		25	33
2679-15481	00000/0000	2-10025/0810	12/01/76	90	9467	3725N	09019W	24.1	148.9	GGGG		25	34
2679-15484	00000/0000	2-10025/0811	12/01/76	60	9467	3600N	09046W	25.2	148.3	GGGG		25	35
2679-15490	00000/0000	2-10025/0812	12/01/76	10	9467	3434N	09113W	26.2	147.6	GGGG		25	36
2679-15493	00000/0000	2-10025/0813	12/01/76	0	9467	3307N	09139W	27.3	146.9	GGGG		25	37
2679-15495	00000/0000	2-10025/0814	12/01/76	10	9467	3141N	09205W	28.3	146.2	GGGG		25	38
2679-15502	00000/0000	2-10025/0815	12/01/76	20	9467	3016N	09229W	29.4	145.5	GGGG		25	39
2679-17281	00000/0000	2-10025/0816	12/01/76	10	9468	4845N	11154W	15.3	154.0	GGFG		43	26
2679-17283	00000/0000	2-10025/0817	12/01/76	10	9468	4720N	11231W	16.4	153.4	GGGG		43	27
2679-17290	00000/0000	2-10025/0818	12/01/76	10	9468	4556N	11306W	17.5	152.7	GGGG		43	28
2679-17292	00000/0000	2-10025/0819	12/01/76	0	9468	4431N	11340W	18.6	152.1	GGGG		43	29
2679-17295	00000/0000	2-10025/0820	12/01/76	10	9468	4306N	11412W	19.7	151.5	GGGG		43	30
2679-17301	00000/0000	2-10025/0821	12/01/76	10	9468	4140N	11443W	20.8	150.8	GGGG		43	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANK)=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0381

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2679-17304	00000/0000	2-10025/0822	12/01/76	0	9468	4015N	11513W	21.9	150.2	GGFG			43	32
2679-17310	00000/0000	2-10025/0823	12/01/76	0	9468	3849N	11542W	23.0	149.6	GGGG			43	33
2679-17313	00000/0000	2-10025/0824	12/01/76	0	9468	3724N	11610W	24.1	148.9	GGGG			43	34
2679-17315	00000/0000	2-10025/0825	12/01/76	0	9468	3558N	11637W	25.2	148.3	GGGG			43	35
2679-17322	00000/0000	2-10025/0826	12/01/76	0	9468	3433N	11704W	26.2	147.6	GGGG			43	36
2679-17324	00000/0000	2-10025/0827	12/01/76	0	9468	3308N	11729W	27.3	146.9	G G			43	37
2679-17331	00000/0000	2-10025/0828	12/01/76	0	9468	3142N	11753W	28.3	146.2	GGGG			43	38
2680-15524	00000/0000	2-10025/0829	12/02/76	10	9481	4143N	09019W	20.6	150.8	GGGG			26	31
2680-15530	00000/0000	2-10025/0830	12/02/76	80	9481	4018N	09049W	21.7	150.2	GGGG			26	32
2680-15544	00000/0000	2-10025/0831	12/02/76	0	9481	3435N	09240W	26.0	147.6	GGGG			26	36
2680-15551	00000/0000	2-10025/0832	12/02/76	0	9481	3305N	09306W	27.1	146.9	GGGF			26	37
2680-15553	00000/0000	2-10025/0833	12/02/76	0	9481	3144N	09331W	28.1	146.2	GGGG			26	38
2680-15560	00000/0000	2-10025/0834	12/02/76	50	9481	3018N	09356W	29.2	145.5	GGGG			26	39
2680-15562	00000/0000	2-10025/0835	12/02/76	90	9481	2852N	09420W	30.2	144.7	GGGG			26	40
2680-15565	00000/0000	2-10025/0836	12/02/76	90	9481	2725N	09443W	31.2	144.0	GGGG			26	41
2680-15571	00000/0000	2-10025/0837	12/02/76	90	9481	2559N	09506W	32.2	143.2	GGGG			26	42
2680-15574	00000/0000	2-10025/0838	12/02/76	90	9481	2433N	09529W	33.2	142.4	GGGG			26	43
2680-17335	00000/0000	2-10025/0839	12/02/76	30	9482	4848N	11320W	15.1	154.0	GGGG			44	26
2680-17341	00000/0000	2-10025/0840	12/02/76	60	9482	4723N	11356W	16.2	153.4	FGGG			44	27
2680-17344	00000/0000	2-10025/0841	12/02/76	10	9482	4558N	11431W	17.3	152.7	GGGG			44	28
2680-17350	00000/0000	2-10025/0842	12/02/76	0	9482	4433N	11504W	18.4	152.1	GGGG			44	29
2680-17353	00000/0000	2-10025/0843	12/02/76	10	9482	4308N	11537W	19.5	151.5	FFFF			44	30
2680-17355	00000/0000	2-10025/0844	12/02/76	0	9482	4143N	11608W	20.6	150.8	GGGG			44	31
2680-17362	00000/0000	2-10025/0845	12/02/76	0	9482	4018N	11638W	21.7	150.2	GGGG			44	32
2680-17364	00000/0000	2-10025/0846	12/02/76	0	9482	3852N	11707W	22.8	149.6	GGGG			44	33
2680-17371	00000/0000	2-10025/0847	12/02/76	0	9482	3726N	11736W	23.9	148.9	GGGG			44	34
2680-17373	00000/0000	2-10025/0848	12/02/76	0	9482	3601N	11803W	24.9	148.3	GGGG			44	35
2680-17380	00000/0000	2-10025/0849	12/02/76	0	9482	3435N	11829W	26.0	147.6	GGGF			44	36
2680-17382	00000/0000	2-10025/0850	12/02/76	0	9482	3310N	11855W	27.1	146.9	GGGG			44	37
2680-20582	00000/0000	2-10025/0851	12/02/76	30	9484	5547N	16122W	9.5	157.4	GGGG			80	21
2680-20584	00000/0000	2-10025/0852	12/02/76	40	9484	5423N	16210W	10.6	156.7	GGGG			80	22
2681-15562	00000/0000	2-10025/0853	12/03/76	50	9495	4848N	08857W	14.9	153.9	GGGG			27	26
2681-15564	00000/0000	2-10025/0854	12/03/76	60	9495	4723N	08934W	16.0	153.3	GGGG			27	27
2681-15571	00000/0000	2-10025/0855	12/03/76	90	9495	4558N	09009W	17.2	152.7	FGGG			27	28
2681-15573	00000/0000	2-10025/0856	12/03/76	90	9495	4433N	09043W	18.3	152.0	GGGG			27	29
2681-15580	00000/0000	2-10025/0857	12/03/76	90	9495	4307N	09115W	19.4	151.4	GGGG			27	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0382

OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2681-15582	00000/0000 2-10025/0858	12/03/76	90	9495	4142N	09146W	20.5	150.8	GGGG		27	31
2681-15585	00000/0000 2-10025/0859	12/03/76	40	9495	4017N	09216W	21.6	150.2	GGGG		27	32
2681-15591	00000/0000 2-10025/0860	12/03/76	10	9495	3852N	09244W	22.6	149.5	GGGG		27	33
2681-15594	00000/0000 2-10025/0861	12/03/76	10	9495	3726N	09312W	23.7	148.9	GGGG		27	34
2681-16000	00000/0000 2-10025/0862	12/03/76	0	9495	3601N	09339W	24.8	148.2	GGGG		27	35
2681-16003	00000/0000 2-10025/0863	12/03/76	0	9495	3435N	09405W	25.8	147.6	GGGG		27	36
2681-16005	00000/0000 2-10025/0864	12/03/76	0	9495	3309N	09431W	26.9	146.9	GGGG		27	37
2681-16012	00000/0000 2-10025/0865	12/03/76	0	9495	3147N	09456W	28.0	146.2	GGGG		27	38
2681-16014	00000/0000 2-10025/0866	12/03/76	0	9495	3018N	09521W	29.0	145.5	GGGG		27	39
2681-16021	00000/0000 2-10025/0867	12/03/76	0	9495	2852N	09546W	30.0	144.7	GGGG		27	40
2681-16023	00000/0000 2-10025/0868	12/03/76	10	9495	2726N	09610W	31.0	144.0	GGGG		27	41
2681-16030	00000/0000 2-10025/0869	12/03/76	30	9495	2559N	09633W	32.0	143.2	GGGG		27	42
2681-16032	00000/0000 2-10025/0870	12/03/76	70	9495	2433N	09656W	33.0	142.4	GGGG		27	43
2681-17393	00000/0000 2-10025/0871	12/03/76	80	9496	4848N	11444W	14.9	153.9	GGGG		45	26
2681-17400	00000/0000 2-10025/0872	12/03/76	40	9496	4723N	11520W	16.0	153.3	GGGG		45	27
2681-17402	00000/0000 2-10025/0873	12/03/76	10	9496	4558N	11555W	17.2	152.7	GGGG		45	28
2681-17405	00000/0000 2-10025/0874	12/03/76	0	9496	4433N	11629W	18.3	152.0	GGGG		45	29
2681-17411	00000/0000 2-10025/0875	12/03/76	0	9496	4308N	11702W	19.4	151.4	GGGG		45	30
2681-17414	00000/0000 2-10025/0876	12/03/76	0	9496	4142N	11733W	20.5	150.8	GGGG		45	31
2681-17420	00000/0000 2-10025/0877	12/03/76	0	9496	4018N	11803W	21.5	150.2	GGGG		45	32
2681-17423	00000/0000 2-10025/0878	12/03/76	0	9496	3852N	11832W	22.6	149.5	GGGG		45	33
2681-17425	00000/0000 2-10025/0879	12/03/76	0	9496	3727N	11900W	23.7	148.9	GGGG		45	34
2681-17432	00000/0000 2-10025/0880	12/03/76	10	9496	3602N	11928W	24.8	148.2	GGGG		45	35
2681-17434	00000/0000 2-10025/0881	12/03/76	0	9496	3436N	11955W	25.8	147.6	GGGG		45	36
2681-17441	00000/0000 2-10025/0882	12/03/76	30	9496	3310N	12021W	26.9	146.9	GGGG		45	37
2681-21040	00000/0000 2-10025/0766	12/03/76	100	9498	5547N	16247W	9.3	157.3	GGGG		81	21
2681-21042	00000/0000 2-10025/0767	12/03/76	90	9498	5423N	16335W	10.4	156.6	GGGG		81	22
2681-21045	00000/0000 2-10025/0768	12/03/76	90	9498	5259N	16420W	11.6	155.9	GGGG		81	23
2682-14191	00000/0000 2-10025/0898	12/04/76	10	9508	4722N	06510W	15.9	153.2	GGGG		10	27
2682-14193	00000/0000 2-10025/0899	12/04/76	10	9508	4557N	06545W	17.0	152.6	GGGG		10	28
2682-14200	00000/0000 2-10025/0900	12/04/76	20	9508	4433N	06618W	18.1	152.0	GGGG		10	29
2682-14202	00000/0000 2-10025/0901	12/04/76	60	9508	4308N	06650W	19.2	151.4	GGGG		10	30
2682-16020	00000/0000 2-10025/0902	12/04/76	100	9509	4847N	09024W	14.8	153.9	GGGG		28	26
2682-16022	00000/0000 2-10025/0903	12/04/76	90	9509	4722N	09100W	15.9	153.2	GGGG		28	27
2682-16025	00000/0000 2-10025/0904	12/04/76	50	9509	4557N	09135W	17.0	152.6	GGGG		28	28
2682-16031	00000/0000 2-10025/0905	12/04/76	30	9509	4432N	09209W	18.1	152.0	GGGG		28	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0383

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT- PATH NUMBER	FRAME ROW NUMBER
2682-16034	00000/0000	2-10025/0906	12/04/76	30	9509	4307N	09241W	19.2	151.4	GGGG			28	30
2682-16040	00000/0000	2-10025/0907	12/04/76	70	9509	4142N	09312W	20.3	150.7	GGGG			28	31
2682-16043	00000/0000	2-10025/0908	12/04/76	50	9509	4017N	09341W	21.4	150.1	GGGG			28	32
2682-16045	00000/0000	2-10025/0909	12/04/76	40	9509	3851N	09410W	22.5	149.5	GGGG			28	33
2682-16052	00000/0000	2-10025/0910	12/04/76	50	9509	3726N	09437W	23.6	148.8	GGGG			28	34
2682-16054	00000/0000	2-10025/0911	12/04/76	10	9509	3600N	09504W	24.6	148.2	GGGG			28	35
2682-16061	00000/0000	2-10025/0912	12/04/76	0	9509	3435N	09531W	25.7	147.5	GGGG			28	36
2682-16063	00000/0000	2-10025/0913	12/04/76	10	9509	3309N	09557W	26.7	146.8	GGGG			28	37
2682-16070	00000/0000	2-10025/0914	12/04/76	0	9509	3143N	09623W	27.8	146.2	GGGG			28	38
2682-16072	00000/0000	2-10025/0883	12/04/76	0	9509	3017N	09648W	28.8	145.4	GG			28	39
2682-16075	00000/0000	2-10025/0884	12/04/76	20	9509	2851N	09712W	29.9	144.7	GG G			28	40
2682-16081	00000/0000	2-10025/0885	12/04/76	80	9509	2724N	09736W	30.9	144.0	GGGG			28	41
2682-16084	00000/0000	2-10025/0886	12/04/76	90	9509	2658N	09800W	31.9	143.2	GGGG			28	42
2682-17454	00000/0000	2-10025/0887	12/04/76	80	9510	4722N	11647W	15.9	153.2	GGGG			46	27
2682-17460	00000/0000	2-10025/0888	12/04/76	50	9510	4553N	11722W	17.0	152.6	GGGG			46	28
2682-17463	00000/0000	2-10025/0889	12/04/76	40	9510	4433N	11756W	18.1	152.0	GGGG			46	29
2682-17465	00000/0000	2-10025/0890	12/04/76	80	9510	4308N	11828W	19.2	151.4	GGGG			46	30
2682-17472	00000/0000	2-10025/0891	12/04/76	90	9510	4142N	11859W	20.3	150.7	GGGG			46	31
2682-17474	00000/0000	2-10025/0892	12/04/76	60	9510	4016N	11929W	21.4	150.1	GGGG			46	32
2682-17481	00000/0000	2-10025/0893	12/04/76	10	9510	3850N	11953W	22.5	149.5	GGGG			46	33
2682-17483	00000/0000	2-10025/0894	12/04/76	10	9510	3725N	12026W	23.6	148.8	GGGG			46	34
2682-17490	00000/0000	2-10025/0895	12/04/76	10	9510	3600N	12054W	24.6	148.2	GGGG			46	35
2682-17492	00000/0000	2-10025/0896	12/04/76	80	9510	3434N	12121W	25.7	147.5	GGGG			46	36
2682-17495	00000/0000	2-10025/0897	12/04/76	90	9510	3308N	12147W	26.7	146.8	GGGG			46	37
2683-14245	00000/0000	2-10025/0942	12/05/76	10	9522	4722N	06636W	15.8	153.2	GGGG			11	27
2683-14251	00000/0000	2-10025/0943	12/05/76	10	9522	4557N	06710W	16.9	152.6	GGGG			11	28
2683-14254	00000/0000	2-10025/0944	12/05/76	40	9522	4432N	06744W	18.0	151.9	GGGG			11	29
2683-14260	00000/0000	2-10025/0945	12/05/76	80	9522	4307N	06816W	19.1	151.3	GGGG			11	30
2683-14263	00000/0000	2-10025/0946	12/05/76	40	9522	4142N	06848W	20.2	150.7	GGGG			11	31
2683-14265	00000/0000	2-10025/0947	12/05/76	30	9522	4017N	06918W	21.3	150.1	GGGG			11	32
2683-16074	00000/0000	2-10025/0948	12/05/76	10	9523	4847N	09149W	14.6	153.8	GGGG			29	26
2683-16080	00000/0000	2-10025/0949	12/05/76	20	9523	4722N	09226W	15.7	153.2	GGGG			29	27
2683-16083	00000/0000	2-10025/0950	12/05/76	40	9523	4557N	09301W	16.9	152.6	GGGG			29	28
2683-16085	00000/0000	2-10025/0951	12/05/76	50	9523	4433N	09334W	18.0	151.9	GGGG			29	29
2683-16092	00000/0000	2-10025/0952	12/05/76	90	9523	4308N	09405W	19.1	151.3	GGGG			29	30
2683-16094	00000/0000	2-10025/0953	12/05/76	70	9523	4143N	09436W	20.2	150.7	GGGG			29	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0384

OBSERVATION ID	MICROFILM ROL POSITION IN ROL RBV	ROLL NO. MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2683-16101	00000/0000	2-10025/0954	12/05/76	80	9523	4017N	09507W	21.2	150.1	GGGG			29	32
2683-16103	00000/0000	2-10025/0955	12/05/76	50	9523	3852N	09536W	22.3	149.4	GGGG			29	33
2683-16110	00000/0000	2-10025/0956	12/05/76	10	9523	3726N	09504W	23.4	148.8	GGGG			29	34
2683-16112	00000/0000	2-10025/0957	12/05/76	40	9523	3600N	09631W	24.5	148.1	GGGG			29	35
2683-16115	00000/0000	2-10025/0958	12/05/76	90	9523	3434N	09658W	25.5	147.5	GGGG			29	36
2683-16121	00000/0000	2-10025/0959	12/05/76	90	9523	3309N	09723W	26.6	146.8	GGGG			29	37
2683-16124	00000/0000	2-10025/0960	12/05/76	90	9523	3143N	09748W	27.6	146.1	GGGG			29	38
2683-16130	00000/0000	2-10025/0961	12/05/76	90	9523	3017N	09813W	28.7	145.4	GGGG			29	39
2683-16133	00000/0000	2-10025/0962	12/05/76	90	9523	2851N	09837W	29.7	144.7	FGGG			29	40
2683-16135	00000/0000	2-10025/0963	12/05/76	90	9523	2725N	09901W	30.7	143.9	GGGG			29	41
2683-16142	00000/0000	2-10025/0964	12/05/76	90	9523	2558N	09924W	31.7	143.2	GGGG			29	42
2683-17505	00000/0000	2-10025/0965	12/05/76	40	9524	4851N	11736W	14.6	153.8	GGGG			47	26
2683-17512	00000/0000	2-10025/0966	12/05/76	90	9524	4726N	11813W	15.7	153.2	FGGG			47	27
2683-17514	00000/0000	2-10025/0967	12/05/76	70	9524	4601N	11848W	16.8	152.6	GGGG			47	28
2683-17521	00000/0000	2-10025/0968	12/05/76	70	9524	4436N	11922W	17.9	152.0	FGGG			47	29
2683-17523	00000/0000	2-10025/0969	12/05/76	70	9524	4311N	11954W	19.0	151.3	GGGG			47	30
2683-17530	00000/0000	2-10025/0970	12/05/76	10	9524	4145N	12025W	20.1	150.7	GGGG			47	31
2683-17532	00000/0000	2-10025/0971	12/05/76	10	9524	4018N	12054W	21.2	150.1	GGGG			47	32
2683-17535	00000/0000	2-10025/0972	12/05/76	10	9524	3853N	12123W	22.3	149.5	FGGG			47	33
2683-17541	00000/0000	2-10025/0973	12/05/76	10	9524	3728N	12152W	23.4	148.8	GGGG			47	34
2683-17544	00000/0000	2-10025/0974	12/05/76	20	9524	3603N	12219W	24.4	148.2	FGFF			47	35
2684-14303	00000/0000	2-10025/0975	12/06/76	10	9536	4726N	06757W	15.6	153.1	GGGG			12	27
2684-14305	00000/0000	2-10025/0976	12/06/76	10	9536	4601N	06832W	16.7	152.5	GGGG			12	28
2684-14312	00000/0000	2-10025/0977	12/06/76	10	9536	4436N	06906W	17.8	151.9	GGGG			12	29
2684-14314	00000/0000	2-10025/0978	12/06/76	20	9536	4311N	06939W	18.9	151.3	GGFG			12	30
2684-14321	00000/0000	2-10025/0979	12/06/76	40	9536	4145N	07010W	20.0	150.7	GGFG			12	31
2684-14323	00000/0000	2-10025/0980	12/06/76	30	9536	4020N	07040W	21.1	150.0	GGGG			12	32
2684-14330	00000/0000	2-10025/0981	12/06/76	60	9536	3855N	07110W	22.1	149.4	GGGG			12	33
2684-14332	00000/0000	2-10025/0982	12/06/76	50	9536	3729N	07139W	23.2	148.8	GGGG			12	34
2684-14335	00000/0000	2-10025/0983	12/06/76	80	9536	3603N	07207W	24.3	148.1	GGGG			12	35
2684-16132	00000/0000	2-10025/0984	12/06/76	0	9537	4850N	09313W	14.4	153.8	GGGG			30	26
2684-16135	00000/0000	2-10025/0985	12/06/76	0	9537	4725N	09350W	15.6	153.1	GGGG			30	27
2684-16141	00000/0000	2-10025/0986	12/06/76	0	9537	4600N	09425W	16.7	152.5	GGGG			30	28
2684-16144	00000/0000	2-10025/0987	12/06/76	0	9537	4435N	09458W	17.8	151.9	GGGG			30	29
2684-16150	00000/0000	2-10025/0988	12/06/76	0	9537	4310N	09530W	18.9	151.3	GGGG			30	30
2684-16153	00000/0000	2-10025/0989	12/06/76	10	9537	4144N	09601W	20.0	150.7	GGGG			30	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0385

OBSERVATION ID	MICROFILM POSITION RBV	RRLI NR./ RRLI MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2684-16155	00000/0000	2-10025/0990	12/06/76	30	9537	4019N	09631W	21.1 150.0	FGFG			30	32
2684-16162	00000/0000	2-10025/0991	12/06/76	50	9537	3854N	09700W	22.1 149.4	FGFF			30	33
2684-16164	00000/0000	2-10025/0992	12/06/76	90	9537	3728N	09727W	23.2 148.8	GGGG			30	34
2684-16171	00000/0000	2-10025/0993	12/06/76	70	9537	3602N	09755W	24.3 148.1	FGGG			30	35
2684-16173	00000/0000	2-10025/0994	12/06/76	100	9537	3436N	09821W	25.3 147.5	GGGG			30	36
2684-16180	00000/0000	2-10025/0995	12/06/76	90	9537	3310N	09848W	26.4 146.8	FGGF			30	37
2684-16182	00000/0000	2-10025/0996	12/06/76	90	9537	3144N	09914W	27.4 146.1	FGGG			30	38
2684-16185	00000/0000	2-10025/0997	12/06/76	90	9537	3017N	09939W	28.5 145.4	GGGG			30	39
2684-16191	00000/0000	2-10025/0998	12/06/76	70	9537	2851N	10004W	29.5 144.7	FGGF			30	40
2684-16194	00000/0000	2-10025/0999	12/06/76	70	9537	2726N	10028W	30.5 143.9	PGFG			30	41
2684-16200	00000/0000	2-10025/1000	12/06/76	50	9537	2600N	10051W	31.5 143.2	FFFF			30	42
2684-17564	00000/0000	2-10025/1001	12/06/76	90	9538	4850N	11902W	14.4 153.8	GGFF			48	26
2684-17570	00000/0000	2-10025/1002	12/06/76	80	9538	4725N	11939W	15.6 153.1	FGFF			48	27
2684-17573	00000/0000	2-10025/1003	12/06/76	70	9538	4600N	12013W	16.7 152.5	FFFG			48	28
2684-17575	00000/0000	2-10025/1004	12/06/76	10	9538	4435N	12047W	17.8 151.9	GGFF			48	29
2684-17582	00000/0000	2-10025/1005	12/06/76	0	9538	4309N	12119W	18.9 151.3	GGFF			48	30
2684-17584	00000/0000	2-10025/1006	12/06/76	0	9538	4144N	12150W	20.0 150.7	GGFF			48	31
2684-17591	00000/0000	2-10025/1007	12/06/76	10	9538	4019N	12221W	21.0 150.0	FGGG			48	32
2684-17593	00000/0000	2-10025/1008	12/06/76	10	9538	3854N	12250W	22.1 149.4	FFFF			48	33
2684-18000	00000/0000	2-10025/1009	12/06/76	10	9538	3728N	12318W	23.2 148.8	FGFG			48	34
2684-18002	00000/0000	2-10025/1010	12/06/76	30	9538	3602N	12345W	24.3 148.1	FFGF			48	35
2684-21213	00000/0000	2-10025/0589	12/06/76	30	9540	5425N	16753W	10.0 156.4	FGGG			84	22
2684-21215	00000/0000	2-10025/0590	12/06/76	40	9540	5301N	16839W	11.1 155.7	GGGG			84	23
2684-21222	00000/0000	2-10025/0591	12/06/76	50	9540	5137N	16921W	12.2 155.0	FFFF			84	24
2685-14361	00000/0000	2-10025/1018	12/07/76	100	9550	4725N	06926W	15.4 153.1	GGGG			13	27
2685-14364	00000/0000	2-10025/1019	12/07/76	100	9550	4600N	07000W	16.5 152.5	FGGG			13	28
2685-14370	00000/0000	2-10025/1020	12/07/76	100	9550	4435N	07034W	17.6 151.8	FGGG			13	29
2685-14373	00000/0000	2-10025/1021	12/07/76	100	9550	4310N	07108W	18.7 151.2	GGGG			13	30
2685-14375	00000/0000	2-10025/1022	12/07/76	100	9550	4144N	07139W	19.8 150.6	GGGG			13	31
2685-14382	00000/0000	2-10025/1023	12/07/76	100	9550	4018N	07210W	20.9 150.0	FGGG			13	32
2685-14384	00000/0000	2-10025/1024	12/07/76	100	9550	3853N	07239W	22.0 149.4	GGFG			13	33
2685-14391	00000/0000	2-10025/1025	12/07/76	100	9550	3728N	07307W	23.1 148.7	GGGG			13	34
2685-14393	00000/0000	2-10025/1026	12/07/76	100	9550	3602N	07334W	24.2 148.1	GGGG			13	35
2685-16190	00000/0000	2-10025/1027	12/07/76	0	9551	4850N	09440W	14.3 153.7	GGGG			31	26
2685-16193	00000/0000	2-10025/1028	12/07/76	30	9551	4725N	09517W	15.4 153.1	GGGF			31	27
2685-16195	00000/0000	2-10025/1029	12/07/76	70	9551	4559N	09552W	16.5 152.4	GGGF			31	28

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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0386

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL LAT	PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2685-16202	00000/0000	2-10025/1030	12/07/76	80	9551	4434N	09626W	17.6	151.8	GGGG				
2685-16204	00000/0000	2-10025/1031	12/07/76	90	9551	4309N	09657W	18.7	151.2	GGGG			31	29
2685-16211	00000/0000	2-10025/1032	12/07/76	90	9551	4144N	09728W	19.8	150.6	GGGG			31	30
2685-16213	00000/0000	2-10025/1033	12/07/76	60	9551	4019N	09758W	20.9	150.0	GGGG			31	31
2685-16220	00000/0000	2-10025/1034	12/07/76	50	9551	3853N	09828W	22.0	149.3	GGGG			31	32
2685-16222	00000/0000	2-10025/1035	12/07/76	60	9551	3727N	09856W	23.1	148.7	GGGG			31	33
2685-16225	00000/0000	2-10025/1036	12/07/76	10	9551	3602N	09922W	24.1	148.1	GGGG			31	34
2685-16231	00000/0000	2-10025/1037	12/07/76	10	9551	3436N	09948W	25.2	147.4	GGGG			31	35
2685-16234	00000/0000	2-10025/1038	12/07/76	10	9551	3310N	10014W	26.3	146.7	GGGG			31	36
2685-16240	00000/0000	2-10025/1039	12/07/76	0	9551	3144N	10040W	27.3	146.1	GGGG			31	37
2685-16243	00000/0000	2-10025/1040	12/07/76	0	9551	3018N	10104W	28.3	145.4	GGGG			31	38
2685-16245	00000/0000	2-10025/1041	12/07/76	0	9551	2852N	10129W	29.4	144.6	GGGG			31	39
2685-16252	00000/0000	2-10025/1042	12/07/76	10	9551	2726N	10153W	30.4	143.9	GGGG			31	40
2685-18022	00000/0000	2-10025/1043	12/07/76	70	9552	4849N	12029W	14.3	153.7	GGGG			49	26
2685-18024	00000/0000	2-10025/1044	12/07/76	70	9552	4724N	12106W	15.4	153.1	GGGG			49	27
2685-18031	00000/0000	2-10025/1045	12/07/76	70	9552	4559N	12141W	16.5	152.4	GGGG			49	28
2685-18033	00000/0000	2-10025/1046	12/07/76	40	9552	4434N	12215W	17.6	151.8	GGGG			49	29
2685-18040	00000/0000	2-10025/1047	12/07/76	20	9552	4309N	12247W	18.7	151.2	GGGG			49	30
2685-18042	00000/0000	2-10025/1048	12/07/76	10	9552	4144N	12318W	19.8	150.6	GGGG			49	31
2685-18045	00000/0000	2-10025/1049	12/07/76	10	9552	4018N	12348W	20.9	150.0	GGGG			49	32
2685-18051	00000/0000	2-10025/1050	12/07/76	10	9552	3853N	12417W	22.0	149.3	GGGG			49	33
2685-21271	00000/0000	2-10025/0769	12/07/76	100	9554	5427N	16917W	9.8	156.3	GGGG			85	22
2685-21273	00000/0000	2-10025/0770	12/07/76	100	9554	5303N	17002W	10.9	155.6	GGGG			85	23
2685-21280	00000/0000	2-10025/0771	12/07/76	100	9554	5138N	17044W	12.0	155.0	GGGG			85	24
2686-14422	00000/0000	2-10025/1051	12/08/76	10	9564	4559N	07128W	16.4	152.4	GGGG			14	28
2686-14424	00000/0000	2-10025/1052	12/08/76	10	9564	4434N	07202W	17.5	151.8	GGGG			14	29
2686-14431	00000/0000	2-10025/1053	12/08/76	10	9564	4309N	07235W	18.6	151.1	GGGG			14	30
2686-14433	00000/0000	2-10025/1054	12/08/76	60	9564	4143N	07306W	19.7	150.5	GGGG			14	31
2686-14440	00000/0000	2-10025/1055	12/08/76	90	9564	4018N	07336W	20.8	149.9	GGGG			14	32
2686-14442	00000/0000	2-10025/1056	12/08/76	90	9564	3852N	07406W	21.9	149.3	GGGG			14	33
2686-14445	00000/0000	2-10025/1057	12/08/76	90	9564	3726N	07434W	22.9	148.7	GGGG			14	34
2686-14451	00000/0000	2-10025/1058	12/08/76	70	9564	3600N	07502W	24.0	148.0	GGGG			14	35
2686-14454	00000/0000	2-10025/1059	12/08/76	60	9564	3434N	07528W	25.1	147.4	GGGG			14	36
2686-14460	00000/0000	2-10025/1060	12/08/76	60	9564	3308N	07554W	26.1	146.7	GGGG			14	37
2686-14463	00000/0000	2-10025/1061	12/08/76	70	9564	3143N	07620W	27.2	146.0	GGGG			14	38
2686-14465	00000/0000	2-10025/1062	12/08/76	70	9564	3016N	07645W	28.2	145.3	GGGG			14	39

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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0387

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2686-14472	00000/0000	2-10025/1063	12/08/76	50	9564	2850N	07709W	29.2	144.6	GGGG			14	40
2686-14474	00000/0000	2-10025/1064	12/08/76	70	9564	2724N	07733W	30.2	143.9	GGGG			14	41
2686-16244	00000/0000	2-10025/1096	12/08/76	40	9565	4849N	09607W	14.2	153.6	FGGP			32	26
2686-16251	00000/0000	2-10025/1097	12/08/76	90	9565	4774N	09643W	15.3	153.0	GGGG			32	27
2686-16253	00000/0000	2-10025/1098	12/08/76	90	9565	4559N	09718W	16.4	152.4	GGGG			32	28
2686-16260	00000/0000	2-10025/1099	12/08/76	80	9565	4434N	09751W	17.5	151.8	GGGF			32	29
2686-16262	00000/0000	2-10025/1100	12/08/76	80	9565	4309N	09824W	18.6	151.1	GGGG			32	30
2686-16265	00000/0000	2-10025/1101	12/08/76	60	9565	4143N	09855W	19.7	150.5	GGGG			32	31
2686-16271	00000/0000	2-10025/1102	12/08/76	10	9565	4018N	09925W	20.8	149.9	GGGF			32	32
2686-16274	00000/0000	2-10025/1103	12/08/76	0	9565	3852N	09955W	21.9	149.3	GGGF			32	33
2686-16280	00000/0000	2-10025/1104	12/08/76	0	9565	3727N	10023W	22.9	148.7	GGGF			32	34
2686-16283	00000/0000	2-10025/1105	12/08/76	0	9565	3601N	10049W	24.0	148.0	GGGF			32	35
2686-16285	00000/0000	2-10025/1106	12/08/76	0	9565	3435N	10116W	25.1	147.4	GGGF			32	36
2686-16292	00000/0000	2-10025/1107	12/08/76	0	9565	3309N	10141W	26.1	146.7	GGGF			32	37
2686-16294	00000/0000	2-10025/1108	12/08/76	0	9565	3143N	10207W	27.2	146.0	GGG			32	38
2686-16301	00000/0000	2-10025/1109	12/08/76	0	9565	3017N	10231W	28.2	145.3	GGFG			32	39
2686-16303	00000/0000	2-10025/1110	12/08/76	0	9565	2851N	10256W	29.2	144.6	GGGF			32	40
2686-16310	00000/0000	2-10025/1111	12/08/76	0	9565	2725N	10320W	30.2	143.9	GGGF			32	41
2686-18080	00000/0000	2-10025/1112	12/08/76	80	9566	4848N	12155W	14.2	153.6	GGGG			50	26
2686-18083	00000/0000	2-10025/1113	12/08/76	90	9566	4723N	12232W	15.3	153.0	GGGG			50	27
2686-18085	00000/0000	2-10025/1114	12/08/76	90	9566	4559N	12307W	16.4	152.4	GGGG			50	28
2686-18092	00000/0000	2-10025/1095	12/08/76	90	9566	4433N	12340W	17.5	151.7	G GG			50	29
2686-18094	00000/0000	2-10025/1115	12/08/76	70	9565	4308N	12413W	18.6	151.1	GGGG			50	30
2686-21325	00000/0000	2-10025/0733	12/08/76	90	9565	5426N	17046W	9.7	156.2	GGGG			86	22
2686-21332	00000/0000	2-10025/0734	12/08/76	90	9565	5203N	17131W	10.8	155.6	GGFG			86	23
2686-21334	00000/0000	2-10025/0735	12/08/76	80	9568	5138N	17214W	11.9	154.9	GGGG			86	24
2687-14482	00000/0000	2-10025/1065	12/09/76	10	9578	4436N	07327W	17.4	151.7	GGGG			15	29
2687-14485	00000/0000	2-10025/1066	12/09/76	10	9578	4311N	07359W	18.4	151.1	GGGG			15	30
2687-14491	00000/0000	2-10025/1067	12/09/76	30	9578	4146N	07430W	19.5	150.5	GGGG			15	31
2687-14494	00000/0000	2-10025/1068	12/09/76	20	9578	4020N	07500W	20.6	149.9	GGGG			15	32
2687-14500	00000/0000	2-10025/1069	12/09/76	10	9578	3855N	07530W	21.7	149.2	GGGG			15	33
2687-14503	00000/0000	2-10025/1070	12/09/76	10	9578	3729N	07559W	22.8	148.6	FF F			15	34
2687-14505	00000/0000	2-10025/1071	12/09/76	10	9578	3603N	07627W	23.8	148.0	GGFG			15	35
2687-14512	00000/0000	2-10025/1072	12/09/76	10	9578	3436N	07653W	24.9	147.3	GGGG			15	36
2687-14514	00000/0000	2-10025/1073	12/09/76	30	9578	3310N	07719W	26.0	146.7	GGGG			15	37
2687-14521	00000/0000	2-10025/1074	12/09/76	70	9578	3145N	07744W	27.0	146.0	GGGG			15	38

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01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
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FROM 01/22/76 TO 01/22/77

PAGE 038R

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SAT ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LONG	SUN SUN FLEV. AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SAT ORBIT PATH NUMBER	FRAME ROW NUMBER	
2687-14523	00000/0000	2-10025/1078	12/09/76	90	9578	3019N	07809W	28.0 145.3		GG	H	15	39
2687-14530	2-10025/1651	2-10025/1075	12/09/76	90	9578	2852N	07833W	29.1 144.5	GGG	GGGG		15	40
2687-14532	00000/0000	2-10025/1076	12/09/76	90	9578	2727N	07857W	30.1 143.8		GGGG	H	15	41
2687-14533	2-10025/1652	00000/0000	12/09/76	90	9578	2723N	07855W	30.1 143.8	GGG	GGGG		15	41
2687-14535	2-10025/1653	2-10025/1077	12/09/76	70	9578	2601N	07920W	31.1 143.1	GGG	GGGG		15	42
2687-16303	00000/0000	2-10025/1132	12/09/76	90	9579	4851N	09733W	14.0 153.6		GGGG		33	26
2687-16305	00000/0000	2-10025/1133	12/09/76	90	9579	4726N	09810W	15.1 152.9		GGGG		33	27
2687-16312	00000/0000	2-10025/1134	12/09/76	50	9579	4601N	09845W	16.2 152.3		GGGG		33	28
2687-16314	00000/0000	2-10025/1135	12/09/76	20	9579	4436N	09918W	17.3 151.7		GGGG		33	29
2687-16321	00000/0000	2-10025/1136	12/09/76	10	9579	4311N	09950W	18.4 151.1		GGGG		33	30
2687-16323	00000/0000	2-10025/1137	12/09/76	10	9579	4145N	10020W	19.5 150.5		GGGG		33	31
2687-16330	00000/0000	2-10025/1138	12/09/76	10	9579	4020N	10050W	20.6 149.9		GGGG		33	32
2687-16332	00000/0000	2-10025/1139	12/09/76	70	9579	3854N	10120W	21.7 149.2		GGGG		33	33
2687-16335	00000/0000	2-10025/1140	12/09/76	60	9579	3728N	10148W	22.8 148.6		GGGG		33	34
2687-16353	00000/0000	2-10025/1141	12/09/76	50	9579	3145N	10333W	27.0 146.0		GGGG		33	38
2687-16355	00000/0000	2-10025/1142	12/09/76	20	9579	3019N	10358W	28.0 145.3		GGGG		33	39
2687-16362	00000/0000	2-10025/1143	12/09/76	20	9579	2853N	10421W	29.1 144.6		GGGG		33	40
2687-16364	00000/0000	2-10025/1131	12/09/76	70	9579	2727N	10445W	30.1 143.8	G G			33	41
2687-18134	00000/0000	2-10025/1144	12/09/76	70	9580	4851N	12321W	14.0 153.5		GGGF		51	26
2687-18141	00000/0000	2-10025/1145	12/09/76	50	9580	4726N	12358W	15.1 152.9		GGGG		51	27
2687-18143	00000/0000	2-10025/1146	12/09/76	40	9580	4601N	12433W	16.2 152.3		GGGG		51	28
2687-21383	00000/0000	2-10025/1015	12/09/76	90	9582	5426N	17213W	9.6 156.2		FGFV		87	22
2687-21390	00000/0000	2-10025/1016	12/09/76	90	9582	5302N	17258W	10.7 155.5		GGGF		87	23
2687-21392	00000/0000	2-10025/1017	12/09/76	70	9582	5138N	17341W	11.8 154.8		GGGF		87	24
2688-14532	00000/0000	2-10025/1116	12/10/76	90	9592	4725N	07345W	15.0 152.8		FGFG		16	27
2688-14534	00000/0000	2-10025/1117	12/10/76	90	9592	4600N	07419W	16.1 152.2		FGGG		16	28
2688-14541	00000/0000	2-10025/1118	12/10/76	50	9592	4435N	07453W	17.2 151.6		GGGG		16	29
2688-14543	00000/0000	2-10025/1119	12/10/76	10	9592	4310N	07525W	18.3 151.0		GGGG		16	30
2688-14550	2-10025/1646	2-10025/1120	12/10/76	10	9592	4145N	07557W	19.5 150.4	GGF	GGGG		16	31
2688-14552	2-10025/1647	2-10025/1121	12/10/76	10	9592	4019N	07627W	20.5 149.8	GGG	GGGG		16	32
2688-14555	2-10025/1648	2-10025/1122	12/10/76	10	9592	3853N	07657W	21.6 149.1	FGG	GGGG		16	33
2688-14561	2-10025/1649	2-10025/1123	12/10/76	10	9592	3727N	07725W	22.7 148.5	GGG	GGGG		16	34
2688-14564	2-10025/1650	2-10025/1124	12/10/76	10	9592	3602N	07753W	23.8 147.9	FGG	GGGG		16	35
2688-14570	00000/0000	2-10025/1125	12/10/76	20	9592	3436N	07819W	24.8 147.3		GGFG		16	36
2688-14573	00000/0000	2-10025/1126	12/10/76	60	9592	3310N	07845W	25.8 146.6		GGFG		16	37
2688-14575	00000/0000	2-10025/1127	12/10/76	80	9592	3144N	07911W	26.9 145.9		GGGG		16	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0389

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2688-14582	00000/0000	2-10025/1128	12/10/76	80	9592	3018N	07936W	27.9	145.2	GGGG			16	39
2688-14584	00000/0000	2-10025/1129	12/10/76	80	9592	2852N	08000W	28.9	144.5	GGGG			16	40
2688-14591	00000/0000	2-10025/1130	12/10/76	40	9592	2726N	08024W	30.0	143.8	GGGG			16	41
2688-16361	00000/0000	2-10025/1160	12/10/76	0	9593	4850N	09858W	13.9	153.5	GGG			34	26
2688-16363	00000/0000	2-10025/1161	12/10/76	0	9593	4725N	09935W	15.0	152.8	GGGF			34	27
2688-16370	00000/0000	2-10025/1162	12/10/76	0	9593	4600N	10010W	16.1	152.2	GGGG			34	28
2688-16372	00000/0000	2-10025/1163	12/10/76	0	9593	4434N	10043W	17.2	151.6	GGGG			34	29
2688-16375	00000/0000	2-10025/1164	12/10/76	20	9593	4309N	10115W	18.3	151.0	FGGG			34	30
2688-16381	00000/0000	2-10025/1165	12/10/76	30	9593	4144N	10147W	19.4	150.4	GGGG			34	31
2688-16384	00000/0000	2-10025/1166	12/10/76	70	9593	4018N	10217W	20.5	149.8	FGGG			34	32
2688-16390	00000/0000	2-10025/1167	12/10/76	90	9593	3853N	10246W	21.6	149.2	GGGG			34	33
2688-16393	00000/0000	2-10025/1168	12/10/76	100	9593	3727N	10314W	22.7	148.5	GGGG			34	34
2688-16402	00000/0000	2-10025/1169	12/10/76	90	9593	3436N	10407W	24.8	147.2	GGGG			34	36
2688-16404	00000/0000	2-10025/1170	12/10/76	90	9593	3310N	10432W	25.8	146.6	GGGG			34	37
2688-16411	00000/0000	2-10025/1171	12/10/76	90	9593	3144N	10457W	26.9	145.9	GGGG			34	38
2688-16413	00000/0000	2-10025/1172	12/10/76	100	9593	3018N	10522W	27.9	145.2	GGGG			34	39
2688-16420	00000/0000	2-10025/1173	12/10/76	100	9593	2852N	10547W	28.9	144.5	GGGG			34	40
2688-18192	00000/0000	2-10025/1174	12/10/76	90	9594	4849N	12448W	13.9	153.5	GGGG			52	26
2688-21441	00000/0000	2-10025/1011	12/10/76	80	9596	5428N	17337W	9.4	156.1	FGGG			88	22
2688-21444	00000/0000	2-10025/1012	12/10/76	90	9596	5304N	17422W	10.5	155.4	FGG			88	23
2688-21450	00000/0000	2-10025/1013	12/10/76	90	9596	5140N	17505W	11.7	154.7	FFGG			88	24
2689-15001	00000/0000	2-10025/1147	12/11/76	40	9606	4309N	07852W	18.2	150.9	GGGG			17	30
2689-15004	00000/0000	2-10025/1148	12/11/76	10	9606	4143N	07724W	19.3	150.3	GGGG			17	31
2689-15010	00000/0000	2-10025/1149	12/11/76	30	9606	4017N	07754W	20.4	149.7	GGGG			17	32
2689-15013	00000/0000	2-10025/1150	12/11/76	90	9606	3852N	07824W	21.5	149.1	GGGG			17	33
2689-15015	00000/0000	2-10025/1151	12/11/76	80	9606	3726N	07852W	22.6	148.5	GGGG			17	34
2689-15022	00000/0000	2-10025/1152	12/11/76	90	9606	3600N	07920W	23.6	147.8	GGGG			17	35
2689-15024	00000/0000	2-10025/1153	12/11/76	90	9606	3434N	07947W	24.7	147.2	GGGG			17	36
2689-15031	00000/0000	2-10025/1154	12/11/76	90	9606	3308N	08013W	25.7	146.5	GGGG			17	37
2689-15033	00000/0000	2-10025/1155	12/11/76	90	9606	3142N	08038W	26.8	145.8	GGGG			17	38
2689-15040	00000/0000	2-10025/1156	12/11/76	70	9606	3016N	08103W	27.8	145.1	GGGG			17	39
2689-15042	00000/0000	2-10025/1157	12/11/76	70	9606	2850N	08127W	28.8	144.4	GGGG			17	40
2689-15045	00000/0000	2-10025/1159	12/11/76	40	9606	2723N	08150W	29.8	143.7	GG		H	17	41
2689-15051	00000/0000	2-10025/1158	12/11/76	30	9606	2557N	08213W	30.8	143.0	GGGF		H	17	42
2689-16415	00000/0000	2-10025/1079	12/11/76	70	9607	4848N	10025W	13.8	153.4	GGGG			35	26
2689-16421	00000/0000	2-10025/1080	12/11/76	80	9607	4724N	10102W	14.9	152.7	GGGG			35	27

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0390

OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2689-16424	00000/0000 2-10025/1081	12/11/76	70	9607	4558N	10137W	16.0	152.1	GGGG		35	28
2689-16430	00000/0000 2-10025/1082	12/11/76	70	9607	4433N	10210W	17.1	151.5	GGGG		35	29
2689-16433	00000/0000 2-10025/1083	12/11/76	70	9607	4308N	10242W	18.2	150.9	GGGG		35	30
2689-16435	00000/0000 2-10025/1084	12/11/76	60	9607	4143N	10314W	19.3	150.3	GGGG		35	31
2689-16442	00000/0000 2-10025/1085	12/11/76	60	9607	4017N	10344W	20.4	149.7	GGGG		35	32
2689-16444	00000/0000 2-10025/1086	12/11/76	10	9607	3852N	10413W	21.5	149.1	GGGG		35	33
2689-16451	00000/0000 2-10025/1087	12/11/76	0	9607	3726N	10441W	22.5	148.5	GGGG		35	34
2689-16453	00000/0000 2-10025/1088	12/11/76	0	9607	3600N	10509W	23.6	147.8	GGGG		35	35
2689-16460	00000/0000 2-10025/1089	12/11/76	0	9607	3434N	10535W	24.7	147.2	GGGG		35	36
2689-16462	00000/0000 2-10025/1090	12/11/76	30	9607	3308N	10601W	25.7	146.5	GGGG		35	37
2689-16465	00000/0000 2-10025/1091	12/11/76	80	9607	3142N	10626W	26.8	145.8	GGGG		35	38
2689-16471	00000/0000 2-10025/1092	12/11/76	90	9607	3017N	10651W	27.8	145.1	GFGG		35	39
2689-21502	00000/0000 2-10025/0736	12/11/76	50	9610	5303N	17549W	10.4	155.3	GGGG		89	23
2689-21505	00000/0000 2-10025/0737	12/11/76	50	9610	5138N	17631W	11.6	154.6	GGGG		89	24
2690-15041	00000/0000 2-10025/1204	12/12/76	30	9620	4851N	07600W	13.7	153.3	GGGG		18	26
2690-15044	00000/0000 2-10025/1205	12/12/76	90	9620	4726N	07636W	14.8	152.7	GGGG		18	27
2690-15050	00000/0000 2-10025/1206	12/12/76	100	9620	4602N	07711W	15.9	152.1	GGGG		18	28
2690-15053	00000/0000 2-10025/1207	12/12/76	70	9620	4437N	07744W	17.0	151.5	GFGG		18	29
2690-15055	00000/0000 2-10025/1208	12/12/76	60	9620	4311N	07817W	18.1	150.9	GGGG		18	30
2690-15062	00000/0000 2-10025/1209	12/12/76	60	9620	4145N	07848W	19.2	150.2	GGGG		18	31
2690-15064	00000/0000 2-10025/1210	12/12/76	100	9620	4020N	07919W	20.3	149.6	GGGG		18	32
2690-15071	00000/0000 2-10025/1211	12/12/76	90	9620	3854N	07948W	21.3	149.0	GGGG		18	33
2690-15073	00000/0000 2-10025/1212	12/12/76	100	9620	3728N	08017W	22.4	148.4	GGGG		18	34
2690-15080	00000/0000 2-10025/1213	12/12/76	100	9620	3603N	08045W	23.5	147.8	GGGG		18	35
2690-15082	00000/0000 2-10025/1214	12/12/76	100	9620	3437N	08112W	24.5	147.1	GGGG		18	36
2690-15085	00000/0000 2-10025/1215	12/12/76	100	9620	3311N	08138W	25.6	146.5	GGGG		18	37
2690-15091	00000/0000 2-10025/1216	12/12/76	100	9620	3145N	08203W	26.6	145.8	GGGG		18	38
2690-15094	00000/0000 2-10025/1217	12/12/76	90	9620	3019N	08227W	27.7	145.1	GGGG		18	39
2690-15100	00000/0000 2-10025/1221	12/12/76	70	9620	2853N	08251W	28.7	144.4	GG	H	18	40
2690-15103	00000/0000 2-10025/1218	12/12/76	90	9620	2727N	08315W	29.7	143.7	GGGG	H	18	41
2690-15105	00000/0000 2-10025/1219	12/12/76	40	9620	2600N	08339W	30.7	142.9	GFGG	H	18	42
2690-15112	00000/0000 2-10025/1220	12/12/76	20	9620	2434N	08402W	31.7	142.2	GFGG	H	18	43
2690-16473	00000/0000 2-10025/1175	12/12/76	40	9621	4851N	10150W	13.7	153.3	GGGG		36	26
2690-16480	00000/0000 2-10025/1176	12/12/76	90	9621	4726N	10227W	14.8	152.7	GGGG		36	27
2690-16482	00000/0000 2-10025/1177	12/12/76	90	9621	4601N	10301W	15.9	152.1	GGGG		36	28
2690-16485	00000/0000 2-10025/1178	12/12/76	30	9621	4436N	10334W	17.0	151.5	GGGG		36	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0391

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2690-16491	00000/0000	2-10025/1179	12/12/76	10	9621	4310N 10406W	18.1	150.8	GGGG			36	30
2690-16494	00000/0000	2-10025/1180	12/12/76	0	9621	4145N 10437W	19.2	150.2	GGGG			36	31
2690-16500	00000/0000	2-10025/1181	12/12/76	0	9621	4019N 10507W	20.3	149.6	GGGG			36	32
2690-16503	00000/0000	2-10025/1182	12/12/76	0	9621	3854N 10536W	21.3	149.0	GGGG			36	33
2690-16505	00000/0000	2-10025/1183	12/12/76	0	9621	3728N 10604W	22.4	148.4	GGGG			36	34
2690-16512	00000/0000	2-10025/1184	12/12/76	0	9621	3602N 10631W	23.5	147.8	GGGG			36	35
2690-16514	00000/0000	2-10025/1185	12/12/76	0	9621	3437N 10658W	24.5	147.1	GGGG			36	36
2690-16521	00000/0000	2-10025/1186	12/12/76	0	9621	3311N 10724W	25.6	146.5	GGGG			36	37
2690-16523	00000/0000	2-10025/1187	12/12/76	60	9621	3145N 10750W	26.6	145.8	GGGG			36	38
2690-16530	00000/0000	2-10025/1188	12/12/76	80	9621	3019N 10815W	27.6	145.1	GGGG			36	39
2690-16532	00000/0000	2-10025/1189	12/12/76	40	9621	2853N 10840W	28.7	144.4	GGGG			36	40
2690-16560	00000/0000	2-10025/1093	12/12/76	30	9624	5305N 17712W	10.3	155.2	GGGG			90	23
2690-21563	00000/0000	2-10025/1094	12/12/76	30	9624	5141N 17755W	11.4	154.6	GGGG			90	24
2691-15100	00000/0000	2-10025/1222	12/13/76	0	9634	4849N 07726W	13.6	153.2	GGGG			19	26
2691-15102	00000/0000	2-10025/1223	12/13/76	0	9634	4725N 07803W	14.7	152.6	GGGG			19	27
2691-15105	00000/0000	2-10025/1224	12/13/76	0	9634	4559N 07838W	15.8	152.0	GGGG			19	28
2691-15111	00000/0000	2-10025/1225	12/13/76	10	9634	4434N 07912W	16.9	151.4	GGGG			19	29
2691-15114	00000/0000	2-10025/1226	12/13/76	20	9634	4309N 07945W	18.0	150.8	GGGG			19	30
2691-15120	00000/0000	2-10025/1227	12/13/76	70	9634	4144N 08016W	19.1	150.2	GGGG			19	31
2691-15123	00000/0000	2-10025/1228	12/13/76	40	9634	4018N 08046W	20.2	149.5	GGGG			19	32
2691-15125	00000/0000	2-10025/1229	12/13/76	20	9634	3853N 08115W	21.2	148.9	GGGG			19	33
2691-15132	00000/0000	2-10025/1230	12/13/76	20	9634	3728N 08142W	22.3	148.3	GGGG			19	34
2691-15134	00000/0000	2-10025/1231	12/13/76	40	9634	3602N 08209W	23.4	147.7	GGGG			19	35
2691-15141	00000/0000	2-10025/1232	12/13/76	80	9634	3436N 08236W	24.4	147.0	GGGG			19	36
2691-15143	00000/0000	2-10025/1233	12/13/76	80	9634	3310N 08302W	25.5	146.4	GGGG			19	37
2691-15150	00000/0000	2-10025/1234	12/13/76	90	9634	3144N 08327W	26.5	145.7	GG G			19	38
2691-15152	00000/0000	2-10025/1235	12/13/76	90	9634	3017N 08352W	27.5	145.0	GGGG			19	39
2691-15155	00000/0000	2-10025/1236	12/13/76	90	9634	2851N 08417W	28.6	144.3	GGGG			19	40
2691-15161	00000/0000	2-10025/1237	12/13/76	80	9634	2725N 08441W	29.6	143.6	GGGG			19	41
2691-16531	00000/0000	2-10025/1190	12/13/76	90	9635	4850N 10318W	13.6	153.2	GG G			37	26
2691-16534	00000/0000	2-10025/1191	12/13/76	50	9635	4725N 10355W	14.7	152.6	GFFF			37	27
2691-16540	00000/0000	2-10025/1192	12/13/76	50	9635	4601N 10430W	15.8	152.0	GGGG			37	28
2691-16543	00000/0000	2-10025/1193	12/13/76	80	9635	4435N 10503W	16.9	151.4	GGGG			37	29
2691-16545	00000/0000	2-10025/1194	12/13/76	20	9635	4309N 10535W	18.0	150.8	GGGG			37	30
2691-16552	00000/0000	2-10025/1195	12/13/76	10	9635	4144N 10606W	19.1	150.1	GGGG			37	31
2691-16554	00000/0000	2-10025/1196	12/13/76	10	9635	4019N 10636W	20.2	149.5	GGGG			37	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0392

OBSERVATION ID	MICROFILM POSITION RBV	RAIL NO./ IN RBL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2691-16561	00000/0000	2-10025/1197	12/13/76	0	9635	3854N	10705W	21.2	148.9	GGGG		37	33
2691-16563	00000/0000	2-10025/1198	12/13/76	0	9635	3728N	10733W	22.3	148.3	GGGG		37	34
2691-16570	00000/0000	2-10025/1199	12/13/76	0	9635	3602N	10800W	23.4	147.7	GGGG		37	35
2691-16572	00000/0000	2-10025/1200	12/13/76	0	9635	3436N	10826W	24.4	147.0	GGGG		37	36
2691-16575	00000/0000	2-10025/1201	12/13/76	10	9635	3310N	10852W	25.5	146.4	FGGG		37	37
2691-16581	00000/0000	2-10025/1202	12/13/76	20	9635	3144N	10917W	26.5	145.7	GGGG		37	38
2691-16584	00000/0000	2-10025/1203	12/13/76	10	9635	3018N	10942W	27.5	145.0	GGGP		37	39
2691-22021	00000/0000	2-10025/1014	12/13/76	60	9638	5139N	17921W	11.3	154.5	GGGG		91	24
2692-15154	00000/0000	2-10025/1238	12/14/76	100	9648	4852N	07851W	13.5	153.1	GGGG		20	26
2692-15160	00000/0000	2-10025/1239	12/14/76	100	9648	4727N	07928W	14.6	152.5	GGGG		20	27
2692-15163	00000/0000	2-10025/1240	12/14/76	40	9648	4602N	08003W	15.7	151.9	GGGG		20	28
2692-15165	00000/0000	2-10025/1241	12/14/76	60	9648	4437N	08036W	16.8	151.3	GGGG		20	29
2692-15172	00000/0000	2-10025/1242	12/14/76	40	9648	4312N	08109W	17.9	150.7	FGGG		20	30
2692-15174	00000/0000	2-10025/1243	12/14/76	20	9648	4146N	08140W	19.0	150.1	GGGG		20	31
2692-15181	00000/0000	2-10025/1244	12/14/76	10	9648	4021N	08210W	20.0	149.5	GGGG		20	32
2692-15183	00000/0000	2-10025/1245	12/14/76	0	9648	3856N	08239W	21.1	148.9	GGGG		20	33
2692-15190	00000/0000	2-10025/1246	12/14/76	0	9648	3730N	08307W	22.2	148.2	GGGG		20	34
2692-15192	00000/0000	2-10025/1247	12/14/76	0	9648	3605N	08334W	23.2	147.6	GGGG		20	35
2692-15195	00000/0000	2-10025/1248	12/14/76	10	9648	3438N	08401W	24.3	147.0	GGGG		20	36
2692-15201	00000/0000	2-10025/1249	12/14/76	40	9648	3312N	08427W	25.3	146.3	FGGG		20	37
2692-15204	00000/0000	2-10025/1250	12/14/76	90	9648	3146N	08453W	26.4	145.6	GGGG		20	38
2692-15210	00000/0000	2-10025/1251	12/14/76	100	9648	3020N	08518W	27.4	145.0	GGGG		20	39
2692-15213	00000/0000	2-10025/1252	12/14/76	100	9648	2855N	08542W	28.4	144.3	GGGG		20	40
2692-15215	00000/0000	2-10025/1253	12/14/76	100	9648	2729N	08606W	29.4	143.5	GGGG		20	41
2692-16585	00000/0000	2-10025/1254	12/14/76	70	9649	4852N	10442W	13.5	153.1	FGGG		38	26
2692-16592	00000/0000	2-10025/1255	12/14/76	10	9649	4727N	10518W	14.6	152.5	GGGG		38	27
2692-16594	00000/0000	2-10025/1256	12/14/76	0	9649	4602N	10553W	15.7	151.9	GGGG		38	28
2692-17001	00000/0000	2-10025/1257	12/14/76	0	9649	4437N	10627W	16.8	151.3	FGGG		38	29
2692-17003	00000/0000	2-10025/1258	12/14/76	0	9649	4312N	10659W	17.9	150.7	GGGG		38	30
2692-17010	00000/0000	2-10025/1259	12/14/76	10	9649	4146N	10731W	18.9	150.1	GGGG		38	31
2692-17012	00000/0000	2-10025/1260	12/14/76	10	9649	4021N	10801W	20.0	149.5	FGGG		38	32
2692-17015	00000/0000	2-10025/1261	12/14/76	0	9649	3855N	10830W	21.1	148.9	GGGG		38	33
2692-17021	00000/0000	2-10025/1262	12/14/76	0	9649	3730N	10858W	22.2	148.2	GGGG		38	34
2692-17024	00000/0000	2-10025/1263	12/14/76	10	9649	3604N	10925W	23.2	147.6	GGGG		38	35
2692-17030	00000/0000	2-10025/1264	12/14/76	10	9649	3439N	10951W	24.3	147.0	GGGG		38	36
2692-17033	00000/0000	2-10025/1265	12/14/76	10	9649	3313N	11017W	25.3	146.3	GGGG		38	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
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FROM 01/22/76 TO 01/22/77

PAGE 0393

OBSERVATION ID	MICROFILM RALI NR./ POSITION IN RALI RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME RBV NUMBER
2692-17035	00000/0000	2-10025/1266	12/14/76	10	9649	3147N	11042W	26.4	145.6	FGGG		38	38
2692-17042	00000/0000	2-10025/1267	12/14/76	20	9649	3021N	11107W	27.4	145.0	FGGG		38	39
2693-15212	00000/0000	2-10025/1269	12/15/76	10	9662	4851N	08018W	13.4	153.0	GGGG		21	26
2693-15214	00000/0000	2-10025/1270	12/15/76	0	9662	4727N	08054W	14.5	152.4	GGGG		21	27
2693-15221	00000/0000	2-10025/1271	12/15/76	70	9662	4602N	08129W	15.6	151.8	GGGG		21	28
2693-15223	00000/0000	2-10025/1272	12/15/76	40	9662	4436N	08203W	16.7	151.2	GGGG		21	29
2693-15230	00000/0000	2-10025/1273	12/15/76	10	9662	4311N	08235W	17.8	150.6	GGFG		21	30
2693-15232	00000/0000	2-10025/1274	12/15/76	10	9662	4145N	08306W	18.9	150.0	GGGG		21	31
2693-15235	00000/0000	2-10025/1275	12/15/76	10	9662	4020N	08336W	19.9	149.4	GGFG		21	32
2693-15241	00000/0000	2-10025/1276	12/15/76	10	9662	3855N	08405W	21.0	148.8	GGGG		21	33
2693-15244	00000/0000	2-10025/1277	12/15/76	30	9662	3729N	08433W	22.1	148.1	GGGG		21	34
2693-15250	00000/0000	2-10025/1278	12/15/76	40	9662	3604N	08501W	23.1	147.5	GGGG		21	35
2693-15253	00000/0000	2-10025/1279	12/15/76	60	9662	3438N	08528W	24.2	146.9	GGGG		21	36
2693-15255	00000/0000	2-10025/1280	12/15/76	80	9662	3312N	08554W	25.2	146.2	FGGG		21	37
2693-15262	00000/0000	2-10025/1281	12/15/76	90	9662	3146N	08619W	26.3	145.6	GGGG		21	38
2693-15264	00000/0000	2-10025/1282	12/15/76	90	9662	3020N	08644W	27.3	144.9	GGGG		21	39
2693-15271	00000/0000	2-10025/1283	12/15/76	90	9662	2854N	08708W	28.3	144.2	GGGG		21	40
2693-15273	00000/0000	2-10025/1284	12/15/76	80	9662	2728N	08732W	29.3	143.4	GGGG		21	41
2693-17044	00000/0000	2-10025/1285	12/15/76	20	9663	4851N	10608W	13.4	153.0	FGGG		39	26
2693-17050	00000/0000	2-10025/1286	12/15/76	10	9663	4726N	10645W	14.5	152.4	FGGG		39	27
2693-17053	00000/0000	2-10025/1287	12/15/76	10	9663	4601N	10720W	15.6	151.8	GGGG		39	28
2693-17055	00000/0000	2-10025/1288	12/15/76	0	9663	4436N	10754W	16.7	151.2	GGGG		39	29
2693-17062	00000/0000	2-10025/1289	12/15/76	0	9663	4311N	10826W	17.8	150.6	GGGG		39	30
2693-17064	00000/0000	2-10025/1290	12/15/76	0	9663	4145N	10857W	18.9	150.0	GGGG		39	31
2693-17071	00000/0000	2-10025/1291	12/15/76	0	9663	4020N	10927W	19.9	149.4	FGGG		39	32
2693-17073	00000/0000	2-10025/1292	12/15/76	0	9663	3854N	10956W	21.0	148.8	GGFG		39	33
2693-17080	00000/0000	2-10025/1293	12/15/76	0	9663	3729N	11024W	22.1	148.1	GGGG		39	34
2693-17082	00000/0000	2-10025/1294	12/15/76	0	9663	3603N	11052W	23.1	147.5	FGGG		39	35
2693-17085	00000/0000	2-10025/1295	12/15/76	0	9663	3437N	11118W	24.2	146.9	GGGF		39	36
2693-17091	00000/0000	2-10025/1296	12/15/76	0	9663	3310N	11144W	25.2	146.2	GGGG		39	37
2693-17094	00000/0000	2-10025/1297	12/15/76	10	9663	3144N	11209W	26.3	145.5	FGGG		39	38
2693-17100	00000/0000	2-10025/1298	12/15/76	0	9663	3019N	11234W	27.3	144.9	GFGG		39	39
2693-22131	00000/0000	2-10025/1268	12/15/76	90	9666	5305N	17829E	10.0	154.9	GFGG		93	23
2694-15270	00000/0000	2-10025/1369	12/16/76	50	9676	4850N	08145W	13.3	152.9	GGGG		22	26
2694-15273	00000/0000	2-10025/1370	12/16/76	90	9676	4726N	08222W	14.4	152.3	GGGG		22	27
2694-15275	00000/0000	2-10025/1371	12/16/76	90	9676	4601N	08256W	15.5	151.7	GGGF		22	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0394

OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2694-15282	00000/0000 2-10025/1372	12/16/76	90	9676	4435N	08329W	16.6	151.1	GGGG			22	29
2694-15284	00000/0000 2-10025/1373	12/16/76	90	9676	4310N	08401W	17.7	150.5	GGGG			22	30
2694-15291	00000/0000 2-10025/1374	12/16/76	90	9676	4145N	08432W	18.8	149.9	GGGG			22	31
2694-15293	00000/0000 2-10025/1375	12/16/76	100	9676	4020N	08502W	19.9	149.3	GGGG			22	32
2694-15300	00000/0000 2-10025/1376	12/16/76	80	9676	3854N	08532W	20.9	148.7	GGGG			22	33
2694-15302	00000/0000 2-10025/1377	12/16/76	20	9676	3728N	08600W	22.0	148.0	GGGG			22	34
2694-15305	00000/0000 2-10025/1378	12/16/76	10	9676	3602N	08627W	23.1	147.4	GGGG			22	35
2694-15311	00000/0000 2-10025/1379	12/16/76	10	9676	3436N	08654W	24.1	146.8	GGGG			22	36
2694-15314	00000/0000 2-10025/1380	12/16/76	20	9676	3310N	08720W	25.2	146.1	GGGG			22	37
2694-15320	00000/0000 2-10025/1381	12/16/76	10	9676	3144N	08746W	26.2	145.5	GGGG			22	38
2694-15323	00000/0000 2-10025/1382	12/16/76	20	9676	3018N	08811W	27.2	144.8	GGGG			22	39
2694-15325	00000/0000 2-10025/1383	12/16/76	60	9676	2851N	08836W	28.2	144.1	GGGG			22	40
2694-15332	00000/0000 2-10025/1384	12/16/76	90	9676	2725N	08859W	29.2	143.4	GGG			22	41
2694-17102	00000/0000 2-10025/1299	12/16/76	20	9677	4850N	10735W	13.3	152.9	FGGG			40	26
2694-17104	00000/0000 2-10025/1300	12/16/76	90	9677	4726N	10812W	14.4	152.3	FGGG			40	27
2694-17111	00000/0000 2-10025/1301	12/16/76	70	9677	4601N	10847W	15.5	151.7	GGGG			40	28
2694-17113	00000/0000 2-10025/1302	12/16/76	30	9677	4435N	10921W	16.6	151.1	GGGG			40	29
2694-17120	00000/0000 2-10025/1303	12/16/76	20	9677	4310N	10953W	17.7	150.5	GGGG			40	30
2694-17122	00000/0000 2-10025/1304	12/16/76	30	9677	4144N	11024W	18.8	149.9	GGGG			40	31
2694-17125	00000/0000 2-10025/1305	12/16/76	20	9677	4019N	11054W	19.9	149.3	GGGG			40	32
2694-17131	00000/0000 2-10025/1306	12/16/76	10	9677	3853N	11123W	20.9	148.6	GGGG			40	33
2694-17134	00000/0000 2-10025/1307	12/16/76	0	9677	3727N	11151W	22.0	148.0	GGGG			40	34
2694-17140	00000/0000 2-10025/1308	12/16/76	0	9677	3602N	11218W	23.1	147.4	FFGG			40	35
2694-17143	00000/0000 2-10025/1309	12/16/76	0	9677	3435N	11245W	24.1	146.8	GGGG			40	36
2694-17145	00000/0000 2-10025/1310	12/16/76	0	9677	3310N	11311W	25.2	146.1	GGGG			40	37
2694-17152	00000/0000 2-10025/1311	12/16/76	0	9677	3144N	11336W	26.2	145.4	GGGG			40	38
2694-17154	00000/0000 2-10025/1312	12/16/76	10	9677	3018N	11401W	27.2	144.8	GGGG			40	39
2695-15324	00000/0000 2-10025/1313	12/17/76	40	9690	4853N	08311W	13.2	152.8	GFGG			23	26
2695-15331	00000/0000 2-10025/1314	12/17/76	80	9690	4729N	08347W	14.3	152.2	GGGG			23	27
2695-15333	00000/0000 2-10025/1315	12/17/76	90	9690	4604N	08423W	15.4	151.6	FGGG			23	28
2695-15340	00000/0000 2-10025/1316	12/17/76	90	9690	4439N	08457W	16.5	151.0	GGGG			23	29
2695-15342	00000/0000 2-10025/1317	12/17/76	90	9690	4313N	08530W	17.6	150.4	GGGG			23	30
2695-15345	00000/0000 2-10025/1318	12/17/76	40	9690	4147N	08601W	18.7	149.8	GGGG			23	31
2695-15351	00000/0000 2-10025/1319	12/17/76	20	9690	4021N	08631W	19.8	149.2	GFGG			23	32
2695-15354	00000/0000 2-10025/1320	12/17/76	0	9690	3855N	08659W	20.8	148.6	GFGG			23	33
2695-15360	00000/0000 2-10025/1321	12/17/76	0	9690	3729N	08728W	21.9	148.0	GGGG			23	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0395

OBSERVATION ID	MICROFILM RELI NR./ POSITION IN RELI RBV	REL. NR./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV	QUAL MSS	MSS DATA MODE	MSS GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2695-15363	00000/0000	2-10025/1322	12/17/76	0	9690	3603N	08755W	22.9	147.3	GGGG				23	35
2695-15365	00000/0000	2-10025/1323	12/17/76	0	9690	3438N	08821W	24.0	146.7	GGGG				23	36
2695-15372	00000/0000	2-10025/1324	12/17/76	10	9690	3312N	08847W	25.0	146.0	GGGG				23	37
2695-15374	00000/0000	2-10025/1325	12/17/76	10	9690	3146N	08912W	26.1	145.4	GGGG				23	38
2695-15381	00000/0000	2-10025/1326	12/17/76	10	9690	3020N	08936W	27.1	144.7	GGGG				23	39
2695-15383	00000/0000	2-10025/1327	12/17/76	10	9690	2854N	09000W	28.1	144.0	GFFF				23	40
2695-17160	00000/0000	2-10025/1343	12/17/76	20	9691	4853N	10900W	13.2	152.8	GFGF				41	26
2695-17162	00000/0000	2-10025/1344	12/17/76	0	9691	4728N	10936W	14.3	152.2	GGGG				41	27
2695-17165	00000/0000	2-10025/1345	12/17/76	10	9691	4603N	11011W	15.4	151.6	GFGF				41	28
2695-17171	00000/0000	2-10025/1346	12/17/76	10	9691	4438N	11045W	16.5	151.0	GGGF				41	29
2695-17174	00000/0000	2-10025/1347	12/17/76	0	9691	4312N	11117W	17.6	150.4	GGG				41	30
2695-17180	00000/0000	2-10025/1348	12/17/76	10	9691	4147N	11148W	18.7	149.8	GFGG				41	31
2695-17183	00000/0000	2-10025/1349	12/17/76	10	9691	4022N	11218W	19.7	149.2	FFGG				41	32
2695-17185	00000/0000	2-10025/1350	12/17/76	0	9691	3856N	11248W	20.8	148.6	GGGG				41	33
2695-17192	00000/0000	2-10025/1351	12/17/76	0	9691	3730N	11316W	21.9	148.0	GGGG				41	34
2695-17194	00000/0000	2-10025/1352	12/17/76	0	9691	3605N	11343W	22.9	147.3	GGGG				41	35
2695-17201	00000/0000	2-10025/1353	12/17/76	10	9691	3439N	11410W	24.0	146.7	FGGF				41	36
2695-17203	00000/0000	2-10025/1354	12/17/76	10	9691	3312N	11435W	25.0	146.0	GGGG				41	37
2695-17210	00000/0000	2-10025/1355	12/17/76	10	9691	3146N	11501W	26.1	145.4	FGGF				41	38
2696-15382	00000/0000	2-10025/1328	12/18/76	100	9704	4852N	08440W	13.2	152.7	GGGG				24	26
2696-15385	2-10025/1654	2-10025/1329	12/18/76	80	9704	4727N	08516W	14.3	152.1	GGG	GGGG			24	27
2696-15391	00000/0000	2-10025/1330	12/18/76	70	9704	4603N	08551W	15.4	151.5	GGGG				24	28
2696-15394	00000/0000	2-10025/1331	12/18/76	40	9704	4437N	08624W	16.4	150.9	GGGG				24	29
2696-15400	00000/0000	2-10025/1332	12/18/76	20	9704	4312N	08656W	17.5	150.3	FFGG				24	30
2696-15403	2-10025/1655	2-10025/1333	12/18/76	0	9704	4146N	08727W	18.6	149.7	GGF	GGGG			24	31
2696-15405	00000/0000	2-10025/1334	12/18/76	0	9704	4021N	08756W	19.7	149.1	GGGG				24	32
2696-15410	2-10025/1656	00000/0000	12/18/76	0	9704	4018N	08754W	19.7	149.1	GGG				24	32
2696-15412	2-10025/1657	2-10025/1335	12/18/76	0	9704	3855N	08825W	20.8	148.5	FFG	GGGG			24	33
2696-15414	00000/0000	2-10025/1336	12/18/76	0	9704	3730N	08853W	21.8	147.9	GGGG				24	34
2696-15415	2-10025/1658	00000/0000	12/18/76	10	9704	3727N	08851W	21.8	147.8	GGG				24	34
2696-15421	2-10025/1659	2-10025/1337	12/18/76	10	9704	3604N	08920W	22.9	147.2	FGG	GGGG			24	35
2696-15423	00000/0000	2-10025/1338	12/18/76	10	9704	3438N	08947W	23.9	146.6	GGGG				24	36
2696-15424	2-10025/1660	00000/0000	12/18/76	10	9704	3435N	08945W	23.9	146.6	GGG				24	36
2696-15430	2-10025/1661	2-10025/1339	12/18/76	20	9704	3312N	09013W	25.0	145.9	GGG	GGGG			24	37
2696-15432	00000/0000	2-10025/1340	12/18/76	20	9704	3146N	09038W	26.0	145.3	GGGG				24	38
2696-15435	00000/0000	2-10025/1341	12/18/76	40	9704	3020N	09103W	27.0	144.6	GGGG				24	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0396

OBSERVATION ID	MICROFILM ROL POSITION IN ROL RBV	NR./ MSS	DATE ACQUIRED	CLOUD COVER NUMBER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV. AZIM.	SUN ELEV. AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2696-15441	00000/0000	2-10025/1342	12/18/76	30	9704	2854N 09127W	28.0 143.3		GGGG			24	40
2696-17214	00000/0000	2-10025/1356	12/18/76	60	9705	4852N 11025W	13.2 152.7		GGG			42	26
2696-17221	00000/0000	2-10025/1357	12/18/76	70	9705	4728N 11102W	14.3 152.1		GGG			42	27
2696-17223	00000/0000	2-10025/1358	12/18/76	40	9705	4603N 11137W	15.4 151.5		GGGG			42	28
2696-17230	00000/0000	2-10025/1359	12/18/76	20	9705	4438N 11211W	16.4 150.9		GGGG			42	29
2696-17232	00000/0000	2-10025/1360	12/18/76	30	9705	4312N 11243W	17.5 150.3		GGGG			42	30
2696-17235	00000/0000	2-10025/1361	12/18/76	40	9705	4147N 11314W	18.6 149.7		GGGG			42	31
2696-17241	00000/0000	2-10025/1362	12/18/76	20	9705	4021N 11344W	19.7 149.1		GGGG			42	32
2696-17244	00000/0000	2-10025/1363	12/18/76	0	9705	3856N 11414W	20.7 148.5		GGGG			42	33
2696-17250	00000/0000	2-10025/1364	12/18/76	0	9705	3730N 11442W	21.8 147.8		GGGG			42	34
2696-17253	00000/0000	2-10025/1365	12/18/76	20	9705	3603N 11509W	22.9 147.2		GGGG			42	35
2696-17255	00000/0000	2-10025/1366	12/18/76	10	9705	3438N 11535W	23.9 146.6		GGGG			42	36
2696-17262	00000/0000	2-10025/1367	12/18/76	20	9705	3312N 11601W	25.0 145.9		GGGG			42	37
2696-17264	00000/0000	2-10025/1368	12/18/76	50	9705	3146N 11626W	26.0 145.3		GGGG			42	38
2697-15441	00000/0000	2-10025/1385	12/19/76	90	9718	4852N 08603W	13.1 152.6		GGGG			25	26
2697-15443	00000/0000	2-10025/1386	12/19/76	90	9718	4727N 08640W	14.2 152.0		GGGG			25	27
2697-15450	00000/0000	2-10025/1387	12/19/76	90	9718	4602N 08715W	15.3 151.4		GGGG			25	28
2697-15452	00000/0000	2-10025/1388	12/19/76	90	9718	4437N 08748W	16.4 150.8		GGGG			25	29
2697-15455	00000/0000	2-10025/1389	12/19/76	40	9718	4312N 08821W	17.5 150.2		GGGG			25	30
2697-15461	00000/0000	2-10025/1390	12/19/76	40	9718	4146N 08852W	18.5 149.6		GGGG			25	31
2697-15464	00000/0000	2-10025/1391	12/19/76	60	9718	4021N 08922W	19.6 149.0		GGGG			25	32
2697-15470	00000/0000	2-10025/1392	12/19/76	40	9718	3855N 08951W	20.7 148.4		GGGG			25	33
2697-15473	00000/0000	2-10025/1393	12/19/76	10	9718	3730N 09019W	21.7 147.7		GGGG			25	34
2697-15475	00000/0000	2-10025/1394	12/19/76	30	9718	3604N 09046W	22.8 147.1		GGGG			25	35
2697-15482	00000/0000	2-10025/1395	12/19/76	70	9718	3438N 09112W	23.8 146.5		GGGG			25	36
2697-15484	00000/0000	2-10025/1396	12/19/76	80	9718	3312N 09139W	24.9 145.8		GGGG			25	37
2697-17272	00000/0000	2-10025/1397	12/19/76	10	9719	4852N 11152W	13.1 152.6		FFFF			43	26
2697-17275	00000/0000	2-10025/1398	12/19/76	10	9719	4727N 11228W	14.2 152.0		GGGG			43	27
2697-17281	00000/0000	2-10025/1399	12/19/76	0	9719	4602N 11303W	15.3 151.4		GGGG			43	28
2697-17284	00000/0000	2-10025/1400	12/19/76	0	9719	4436N 11336W	16.4 150.8		GGGG			43	29
2697-17290	00000/0000	2-10025/1401	12/19/76	0	9719	4311N 11409W	17.5 150.2		GGGG			43	30
2697-17293	00000/0000	2-10025/1402	12/19/76	0	9719	4146N 11440W	18.5 149.6		GGGG			43	31
2697-17295	00000/0000	2-10025/1403	12/19/76	0	9719	4020N 11510W	19.6 149.0		GGGG			43	32
2697-17302	00000/0000	2-10025/1404	12/19/76	0	9719	3854N 11539W	20.7 148.3		GGGG			43	33
2697-17304	00000/0000	2-10025/1405	12/19/76	0	9719	3729N 11608W	21.7 147.7		GGGG			43	34
2697-17311	00000/0000	2-10025/1406	12/19/76	40	9719	3603N 11636W	22.8 147.1		GGGG			43	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 25, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0397

OBSERVATION ID	MICROFILM RELI NR./ POSITION IN RELI RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2697-17313	00000/0000 2-10025/1407	12/19/76	20	9719	3436N 11702W	23.8	146.5	GGGG			43	36
2697-17320	00000/0000 2-10025/1408	12/19/76	10	9719	3311N 11728W	24.9	145.8	GGGG			43	37
2698-15495	00000/0000 2-10025/1409	12/20/76	20	9732	4851N 08729W	13.1	152.5	GGGG			26	26
2698-15501	00000/0000 2-10025/1410	12/20/76	80	9732	4726N 08805W	14.2	151.9	GGGG			26	27
2698-15504	00000/0000 2-10025/1411	12/20/76	30	9732	4601N 08840W	15.2	151.3	GGGG			26	28
2698-15510	00000/0000 2-10025/1412	12/20/76	30	9732	4436N 08914W	16.3	150.7	GGGG			26	29
2698-15513	00000/0000 2-10025/1413	12/20/76	50	9732	4311N 08946W	17.4	150.1	GGGG			26	30
2698-15515	00000/0000 2-10025/1414	12/20/76	60	9732	4145N 09017W	18.5	149.5	GGGG			26	31
2698-15522	00000/0000 2-10025/1415	12/20/76	50	9732	4019N 09047W	19.6	148.8	GGGG			26	32
2698-15524	00000/0000 2-10025/1416	12/20/76	10	9732	3854N 09116W	20.6	148.2	GGGG			26	33
2698-15531	00000/0000 2-10025/1417	12/20/76	0	9732	3728N 09145W	21.7	147.6	GGGG			26	34
2698-15533	00000/0000 2-10025/1418	12/20/76	0	9732	3602N 09212W	22.7	147.0	GGGG			26	35
2698-15540	00000/0000 2-10025/1419	12/20/76	0	9732	3436N 09239W	23.8	146.4	GGGG			26	36
2698-15542	00000/0000 2-10025/1420	12/20/76	0	9732	3310N 09305W	24.8	145.7	GFFG			26	37
2698-15545	00000/0000 2-10025/1421	12/20/76	0	9732	3145N 09330W	25.8	145.1	FGGG			26	38
2698-15551	00000/0000 2-10025/1422	12/20/76	30	9732	3019N 09355W	26.9	144.4	FGGG			26	39
2698-15554	00000/0000 2-10025/1423	12/20/76	50	9732	2853N 09419W	27.9	143.7	PGFF			26	40
2698-15560	00000/0000 2-10025/1424	12/20/76	70	9732	2727N 09443W	28.9	143.0	FGGG			26	41
2698-15563	00000/0000 2-10025/1425	12/20/76	90	9732	2600N 09507W	29.9	142.2	GGGG			26	42
2698-15565	00000/0000 2-10025/1426	12/20/76	90	9732	2434N 09530W	30.8	141.5	FGGG			26	43
2698-17330	00000/0000 2-10025/1427	12/20/76	60	9733	4855N 11316W	13.0	152.5	GGGG			44	26
2698-17333	00000/0000 2-10025/1428	12/20/76	20	9733	4729N 11353W	14.1	151.9	GGGG			44	27
2698-17335	00000/0000 2-10025/1429	12/20/76	0	9733	4604N 11429W	15.2	151.3	GGGG			44	28
2698-17342	00000/0000 2-10025/1430	12/20/76	0	9733	4439N 11503W	16.3	150.7	GGGG			44	29
2698-17344	00000/0000 2-10025/1431	12/20/76	0	9733	4314N 11535W	17.4	150.1	GGGG			44	30
2698-17351	00000/0000 2-10025/1432	12/20/76	0	9733	4149N 11606W	18.4	149.5	FGGG			44	31
2698-17353	00000/0000 2-10025/1433	12/20/76	0	9733	4023N 11636W	19.5	148.9	GGGG			44	32
2698-17360	00000/0000 2-10025/1434	12/20/76	0	9733	3858N 11706W	20.6	148.3	GGGG			44	33
2698-17362	00000/0000 2-10025/1435	12/20/76	0	9733	3732N 11734W	21.6	147.6	GGGG			44	34
2698-17365	00000/0000 2-10025/1436	12/20/76	0	9733	3607N 11801W	22.7	147.0	GGGG			44	35
2698-17371	00000/0000 2-10025/1437	12/20/76	0	9733	3440N 11828W	23.7	146.4	GFFG			44	36
2699-15553	00000/0000 2-10025/1438	12/21/76	0	9746	4854N 08855W	13.0	152.4	GGGG			27	26
2699-15555	00000/0000 2-10025/1439	12/21/76	70	9746	4730N 08932W	14.1	151.8	GGGG			27	27
2699-15562	00000/0000 2-10025/1440	12/21/76	10	9746	4605N 09007W	15.2	151.2	GGGG			27	28
2699-15564	00000/0000 2-10025/1441	12/21/76	0	9746	4439N 09041W	16.2	150.6	GGGG			27	29
2699-15571	00000/0000 2-10025/1442	12/21/76	10	9746	4314N 09113W	17.3	150.0	FGGG			27	30

KEYS: CLOUD COVER x ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0398

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN FLEV.	SUN AZIM.	IMAGE-QUAL R8V MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2699-15573	00000/0000 2-10025/1443	12/21/76	60	9746	4149N	09144W	18.4	149.4	FFFF		27	31
2699-15580	00000/0000 2-10025/1444	12/21/76	40	9746	4024N	09214W	19.3	148.8	FGGG		27	32
2699-15582	00000/0000 2-10025/1445	12/21/76	0	9746	3858N	09243W	20.5	148.1	FGGG		27	33
2699-15585	00000/0000 2-10025/1446	12/21/76	0	9746	3732N	09311W	21.6	147.5	FGGF		27	34
2699-15591	00000/0000 2-10025/1447	12/21/76	0	9746	3606N	09339W	22.6	146.9	FGGG		27	35
2699-15594	00000/0000 2-10025/1448	12/21/76	0	9746	3440N	09405W	23.7	146.3	FGGG		27	36
2699-16000	00000/0000 2-10025/1449	12/21/76	0	9746	3314N	09432W	24.7	145.6	FGGG		27	37
2699-16003	00000/0000 2-10025/1450	12/21/76	20	9746	3148N	09457W	25.7	145.0	FGGG		27	38
2699-16005	00000/0000 2-10025/1451	12/21/76	0	9746	3022N	09522W	26.8	144.3	GGGG		27	39
2699-16012	00000/0000 2-10025/1452	12/21/76	10	9746	2856N	09546W	27.8	143.6	GGGG		27	40
2699-16014	00000/0000 2-10025/1453	12/21/76	80	9746	2730N	09610W	28.8	142.9	GGGG		27	41
2699-16021	00000/0000 2-10025/1454	12/21/76	90	9746	2603N	09633W	29.7	142.1	GGGG		27	42
2699-16023	00000/0000 2-10025/1455	12/21/76	90	9746	2436N	09656W	30.7	141.4	GGGG		27	43
2699-17385	00000/0000 2-10025/1456	12/21/76	20	9747	4855N	11442W	13.0	152.4	GGGG		45	26
2699-17391	00000/0000 2-10025/1457	12/21/76	30	9747	4730N	11518W	14.1	151.8	PGGG		45	27
2699-17394	00000/0000 2-10025/1458	12/21/76	40	9747	4605N	11553W	15.2	151.1	PGGG		45	28
2699-17400	00000/0000 2-10025/1459	12/21/76	30	9747	4440N	11627W	16.2	150.5	GGGG		45	29
2699-17403	00000/0000 2-10025/1460	12/21/76	50	9747	4314N	11700W	17.3	149.9	GGGG		45	30
2699-17405	00000/0000 2-10025/1461	12/21/76	10	9747	4147N	11731W	18.4	149.3	GGGG		45	31
2699-17412	00000/0000 2-10025/1462	12/21/76	0	9747	4022N	11802W	19.5	148.7	GGGG		45	32
2699-17414	00000/0000 2-10025/1463	12/21/76	0	9747	3856N	11831W	20.5	148.1	GGGG		45	33
2699-17421	00000/0000 2-10025/1464	12/21/76	0	9747	3731N	11900W	21.6	147.5	GGGG		45	34
2699-17423	00000/0000 2-10025/1465	12/21/76	10	9747	3605N	11927W	22.6	146.9	GGGG		45	35
2699-17430	00000/0000 2-10025/1466	12/21/76	0	9747	3439N	11954W	23.7	146.3	GGGG		45	36
2700-14182	00000/0000 2-10025/1467	12/22/76	40	9759	4730N	06505W	14.0	151.6	GGGG		10	27
2700-14185	00000/0000 2-10025/1482	12/22/76	10	9759	4605N	06540W	15.1	151.0	GG		10	28
2700-14191	00000/0000 2-10025/1468	12/22/76	70	9759	4440N	06614W	16.2	150.4	GGGG		10	29
2700-14194	00000/0000 2-10025/1469	12/22/76	90	9759	4314N	06647W	17.3	149.8	GGGG		10	30
2700-16011	00000/0000 2-10025/1470	12/22/76	90	9760	4854N	09021W	12.9	152.2	GGGG		28	26
2700-16014	00000/0000 2-10025/1471	12/22/76	90	9760	4728N	09059W	14.0	151.6	GGGG		28	27
2700-16020	00000/0000 2-10025/1472	12/22/76	100	9760	4603N	09133W	15.1	151.0	FGGG		28	28
2700-16023	00000/0000 2-10025/1473	12/22/76	100	9760	4438N	09206W	16.2	150.4	GGGG		28	29
2700-16025	00000/0000 2-10025/1474	12/22/76	70	9760	4313N	09238W	17.3	149.8	GGGG		28	30
2700-16032	00000/0000 2-10025/1475	12/22/76	90	9760	4148N	09309W	18.4	149.2	GGGG		28	31
2700-16034	00000/0000 2-10025/1476	12/22/76	20	9760	4023N	09339W	19.4	148.6	GGGG		28	32
2700-16041	00000/0000 2-10025/1477	12/22/76	10	9760	3857N	09407W	20.5	148.0	GGGG		28	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
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01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0399

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SARBIT PATH NUMBER	FRAME ROW NUMBER
2700-16043	00000/0000	2-10025/1478	12/22/76	10	9760	3731N 09436W	21.5	147.4	GGGG			28	34
2700-16050	00000/0000	2-10025/1479	12/22/76	0	9760	3606N 09503W	22.6	146.8	GGG			28	35
2700-16052	00000/0000	2-10025/1480	12/22/76	20	9760	3440N 09530W	23.6	146.1	GGGG			28	36
2700-16055	00000/0000	2-10025/1481	12/22/76	10	9760	3314N 09556W	24.7	145.5	GGGG			28	37
2700-17443	00000/0000	2-10025/1483	12/22/76	70	9761	4854N 11608W	12.9	152.2	GGGG			46	26
2700-17445	00000/0000	2-10025/1484	12/22/76	80	9761	4730N 11645W	14.0	151.6	GGGG			46	27
2700-17452	00000/0000	2-10025/1485	12/22/76	40	9761	4625N 11720W	15.1	151.0	GGGG			46	28
2700-17454	00000/0000	2-10025/1486	12/22/76	10	9761	4440N 11754W	16.2	150.4	GGGG			46	29
2700-17461	00000/0000	2-10025/1487	12/22/76	10	9761	4314N 11826W	17.3	149.8	FFGG			46	30
2700-17463	00000/0000	2-10025/1488	12/22/76	20	9761	4149N 11858W	18.4	149.2	GGGG			46	31
2700-17470	00000/0000	2-10025/1489	12/22/76	40	9761	4023N 11928W	19.4	148.6	FFGG			46	32
2700-17472	00000/0000	2-10025/1490	12/22/76	30	9761	3857N 11957W	20.6	148.0	FFGG			46	33
2700-17475	00000/0000	2-10025/1491	12/22/76	60	9761	3732N 12026W	21.5	147.4	GGGG			46	34
2700-17481	00000/0000	2-10025/1492	12/22/76	40	9761	3606N 12053W	22.6	146.8	GGFG			46	35
2700-17484	00000/0000	2-10025/1493	12/22/76	20	9761	3440N 12120W	23.6	146.1	GGGG			46	36
2701-14240	00000/0000	2-10026/0001	12/23/76	30	9773	4730N 06631W	14.0	151.5	GGGG			11	27
2701-14243	00000/0000	2-10026/0002	12/23/76	80	9773	4605N 06706W	15.1	150.9	FFGG			11	28
2701-14245	00000/0000	2-10026/0006	12/23/76	70	9773	4440N 06740W	16.2	150.3	GG			11	29
2701-14252	00000/0000	2-10026/0003	12/23/76	90	9773	4314N 06813W	17.2	149.7	FFG	H		11	30
2701-14254	00000/0000	2-10026/0004	12/23/76	90	9773	4149N 06845W	18.3	149.1	FFGF	H		11	31
2701-14261	00000/0000	2-10026/0005	12/23/76	80	9773	4023N 06916W	19.4	148.5	FFGG	H		11	32
2701-16065	00000/0000	2-10025/1504	12/23/76	10	9774	4855N 09145W	12.9	152.1	GGFG			29	26
2701-16072	00000/0000	2-10025/1505	12/23/76	10	9774	4730N 09222W	14.0	151.5	GGGG			29	27
2701-16074	00000/0000	2-10025/1506	12/23/76	10	9774	4605N 09258W	15.1	150.9	GGGG			29	28
2701-16081	00000/0000	2-10025/1507	12/23/76	10	9774	4439N 09331W	16.2	150.3	GGGG			29	29
2701-16083	00000/0000	2-10025/1508	12/23/76	10	9774	4314N 09404W	17.2	149.7	GGG			29	30
2701-16090	00000/0000	2-10025/1509	12/23/76	10	9774	4148N 09435W	18.3	149.1	GGGG			29	31
2701-16092	00000/0000	2-10025/1503	12/23/76	10	9774	4023N 09504W	19.4	148.5	GGG			29	32
2701-16095	00000/0000	2-10025/1510	12/23/76	0	9774	3857N 09533W	20.4	147.9	GGGG			29	33
2701-16101	00000/0000	2-10025/1511	12/23/76	0	9774	3731N 09601W	21.5	147.3	GGGG			29	34
2701-16104	00000/0000	2-10025/1512	12/23/76	0	9774	3605N 09629W	22.5	146.7	GGGG			29	35
2701-16110	00000/0000	2-10025/1513	12/23/76	0	9774	3439N 09656W	23.6	146.0	GGGG			29	36
2701-16113	00000/0000	2-10025/1514	12/23/76	0	9774	3313N 09722W	24.6	145.4	GGGG			29	37
2701-16115	00000/0000	2-10025/1515	12/23/76	0	9774	3147N 09748W	25.6	144.7	GGGG			29	38
2701-16122	00000/0000	2-10025/1516	12/23/76	10	9774	3021N 09812W	26.6	144.0	GGGG			29	39
2701-16124	00000/0000	2-10025/1517	12/23/76	20	9774	2854N 09836W	27.6	143.3	GGG			29	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0400

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2701-16131	00000/0000 2-10025/1518	12/23/76	50	9774	2728N	09900W	28.6	142.6	GGGG		29	41
2701-16133	00000/0000 2-10025/1519	12/23/76	90	9774	2602N	09923W	29.6	141.9	GGGG		29	42
2701-17501	00000/0000 2-10025/1520	12/23/76	70	9775	4854N	11735W	12.9	152.1	GGGG		47	26
2701-17503	00000/0000 2-10025/1521	12/23/76	70	9775	4729N	11812W	14.0	151.5	GGG		47	27
2701-17510	00000/0000 2-10025/1522	12/23/76	50	9775	4605N	11848W	15.1	150.9	GGGG		47	28
2701-17512	00000/0000 2-10025/1523	12/23/76	40	9775	4440N	11921W	16.2	150.3	GGGG		47	29
2701-17515	00000/0000 2-10025/1524	12/23/76	30	9775	4314N	11954W	17.2	149.7	GGGG		47	30
2701-17521	00000/0000 2-10025/1525	12/23/76	60	9775	4148N	12025W	18.3	149.1	GGGG		47	31
2701-17524	00000/0000 2-10025/1526	12/23/76	60	9775	4022N	12055W	19.4	148.5	GGGG		47	32
2701-17530	00000/0000 2-10025/1527	12/23/76	70	9775	3856N	12124W	20.4	147.9	GGGG		47	33
2701-17533	00000/0000 2-10025/1528	12/23/76	60	9775	3730N	12152W	21.5	147.3	GGGG		47	34
2701-17535	00000/0000 2-10025/1529	12/23/76	30	9775	3604N	12220W	22.5	146.6	GGGG		47	35
2701-17542	00000/0000 2-10025/1530	12/23/76	20	9775	3438N	12246W	23.6	146.0	GGGG		47	36
2702-14294	00000/0000 2-10025/1494	12/24/76	30	9787	4730N	06800W	14.0	151.4	FFFF		12	27
2702-14301	00000/0000 2-10025/1495	12/24/76	30	9787	4674N	06835W	15.1	150.6	GGGG		12	28
2702-14303	00000/0000 2-10025/1496	12/24/76	10	9787	4439N	06909W	16.1	150.2	GGGG		12	29
2702-14310	00000/0000 2-10025/1497	12/24/76	10	9787	4313N	06941W	17.2	149.6	GGGG		12	30
2702-14312	00000/0000 2-10025/1498	12/24/76	10	9787	4148N	07012W	18.3	149.0	GGGG		12	31
2702-14315	00000/0000 2-10025/1499	12/24/76	30	9787	4022N	07041W	19.3	148.4	GGGG		12	32
2702-14321	00000/0000 2-10025/1500	12/24/76	80	9787	3857N	07110W	20.4	147.8	GGGG		12	33
2702-14324	00000/0000 2-10025/1501	12/24/76	90	9787	3731N	07139W	21.5	147.2	GGGG		12	34
2702-14330	00000/0000 2-10025/1502	12/24/76	90	9787	3606N	07207W	22.5	146.5	GGGG		12	35
2702-16124	00000/0000 2-10025/1531	12/24/76	90	9788	4854N	09312W	12.9	152.0	GGGG		30	26
2702-16130	00000/0000 2-10025/1532	12/24/76	90	9788	4729N	09348W	14.0	151.4	PGGG		30	27
2702-16133	00000/0000 2-10025/1533	12/24/76	90	9788	4604N	09424W	15.1	150.8	GGGG		30	28
2702-16135	00000/0000 2-10025/1534	12/24/76	50	9788	4439N	09458W	16.1	150.2	FGGG		30	29
2702-16142	00000/0000 2-10025/1535	12/24/76	10	9788	4313N	09530W	17.2	149.6	GFGG		30	30
2702-16144	00000/0000 2-10025/1536	12/24/76	80	9788	4148N	09601W	18.3	149.0	GGGG		30	31
2702-16151	00000/0000 2-10025/1537	12/24/76	80	9788	4022N	09631W	19.3	148.4	FGG		30	32
2702-16153	00000/0000 2-10025/1538	12/24/76	20	9788	3856N	09700W	20.4	147.8	GFGG		30	33
2702-16160	00000/0000 2-10025/1539	12/24/76	10	9788	3731N	09728W	21.5	147.1	GGFG		30	34
2702-16162	00000/0000 2-10025/1540	12/24/76	10	9788	3605N	09755W	22.5	146.5	GGGG		30	35
2702-16165	00000/0000 2-10025/1541	12/24/76	10	9788	3439N	09822W	23.5	145.9	GFGG		30	36
2702-16171	00000/0000 2-10025/1542	12/24/76	70	9788	3313N	09848W	24.6	145.2	FGG		30	37
2702-16174	00000/0000 2-10025/1543	12/24/76	90	9788	3147N	09913W	25.6	144.6	FFGG		30	38
2702-16180	00000/0000 2-10025/1544	12/24/76	70	9788	3021N	09938W	26.6	143.9	GGGG		30	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0401

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RSLI MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2702-16183	00000/0000	2-10025/1545	12/24/76	100	9788	2855N	10001W	27.6	143.2	GGGG			30	40
2702-16185	00000/0000	2-10025/1546	12/24/76	90	9788	2729N	10025W	28.6	142.5	GGGG			30	41
2702-17555	00000/0000	2-10025/1547	12/24/76	50	9789	4854N	11900W	12.9	152.0	GFGG			48	26
2702-17562	00000/0000	2-10025/1548	12/24/76	80	9789	4730N	11936W	14.0	151.4	GGGG			48	27
2702-17564	00000/0000	2-10025/1549	12/24/76	90	9789	4604N	12012W	15.1	150.8	GGGG			48	28
2702-17571	00000/0000	2-10025/1550	12/24/76	90	9789	4439N	12045W	16.1	150.2	FFGG			48	29
2702-17573	00000/0000	2-10025/1551	12/24/76	40	9789	4314N	12118W	17.2	149.6	FFGG			48	30
2702-17580	00000/0000	2-10025/1552	12/24/76	30	9789	4148N	12150W	18.3	149.0	GGGG			48	31
2702-17582	00000/0000	2-10025/1553	12/24/76	10	9789	4023N	12220W	19.3	148.4	FFGG			48	32
2702-17585	00000/0000	2-10025/1554	12/24/76	10	9789	3856N	12250W	20.4	147.8	GGGG			48	33
2702-17591	00000/0000	2-10025/1555	12/24/76	10	9789	3730N	12318W	21.5	147.1	GGFG			48	34
2702-17594	00000/0000	2-10025/1556	12/24/76	20	9789	3605N	12345W	22.5	146.5	GGGG			48	35
2702-21211	00000/0000	2-10025/1601	12/24/76	30	9791	5309N	16834W	9.6	153.9	GGGG			84	23
2702-21213	00000/0000	2-10025/1602	12/24/76	30	9791	5145N	16917W	10.7	153.2	GGGG			84	24
2703-14353	00000/0000	2-10025/1603	12/25/76	70	9801	4731N	06922W	14.0	151.3	GGGG			13	27
2703-14355	00000/0000	2-10025/1604	12/25/76	60	9801	4605N	06958W	15.0	150.7	GGGG			13	28
2703-14364	00000/0000	2-10025/1605	12/25/76	50	9801	4314N	07106W	17.2	149.5	GFGG			13	30
2703-14371	00000/0000	2-10025/1606	12/25/76	80	9801	4148N	07137W	18.3	148.9	GGGG			13	31
2703-14373	00000/0000	2-10025/1607	12/25/76	60	9801	4023N	07208W	19.3	148.2	GGGG			13	32
2703-14380	00000/0000	2-10025/1608	12/25/76	30	9801	3856N	07238W	20.4	147.6	GGGG			13	33
2703-14382	00000/0000	2-10025/1609	12/25/76	10	9801	3730N	07306W	21.4	147.0	GGGG			13	34
2703-14385	00000/0000	2-10025/1610	12/25/76	30	9801	3604N	07334W	22.5	146.4	GGGG			13	35
2703-14391	00000/0000	2-10025/1611	12/25/76	70	9801	3438N	07401W	23.5	145.8	GFGG			13	36
2703-14394	00000/0000	2-10025/1612	12/25/76	50	9801	3312N	07427W	24.5	145.1	GGGG			13	37
2703-14400	00000/0000	2-10025/1613	12/25/76	30	9801	3146N	07452W	25.5	144.5	GGGG			13	38
2703-16182	00000/0000	2-10025/1557	12/25/76	40	9802	4854N	09439W	12.9	151.9	GGGF			31	26
2703-16184	00000/0000	2-10025/1558	12/25/76	30	9802	4729N	09516W	14.0	151.2	GGGG			31	27
2703-16191	00000/0000	2-10025/1559	12/25/76	70	9802	4604N	09550W	15.0	150.6	GGGG			31	28
2703-16193	00000/0000	2-10025/1560	12/25/76	80	9802	4439N	09623W	16.1	150.0	GGGG			31	29
2703-16200	00000/0000	2-10025/1561	12/25/76	20	9802	4314N	09655W	17.2	149.4	GGGG			31	30
2703-16202	00000/0000	2-10025/1562	12/25/76	10	9802	4149N	09726W	18.3	148.8	GGGG			31	31
2703-16205	00000/0000	2-10025/1563	12/25/76	0	9802	4023N	09757W	19.3	148.2	FFGG			31	32
2703-16211	00000/0000	2-10025/1564	12/25/76	0	9802	3856N	09826W	20.4	147.6	GGGF			31	33
2703-16214	00000/0000	2-10025/1565	12/25/76	0	9802	3731N	09854W	21.4	147.0	GGFG			31	34
2703-16220	00000/0000	2-10025/1566	12/25/76	0	9802	3605N	09922W	22.5	146.4	GGGG			31	35
2703-16223	00000/0000	2-10025/1567	12/25/76	0	9802	3438N	09948W	23.5	145.8	FFGG			31	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0402

OBSERVATION ID	MICROFILM POSITION IN REEL	ROLL NO./ REEL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE	SUN FLEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUN ORBIT PATH NUMBER	FRAME ROW NUMBER
2703-16225	00000/0000	2-10025/1568	12/25/76	10	9802	3313N	10014W	24.5	145.1	FFGP		31	37
2703-16232	00000/0000	2-10025/1569	12/25/76	10	9802	3147N	10039W	25.5	144.4	FFGP		31	38
2703-16234	00000/0000	2-10025/1570	12/25/76	20	9802	3020N	10104W	26.5	143.8	FFGP		31	39
2703-18013	00000/0000	2-10025/1571	12/25/76	90	9803	4854N	12027W	12.9	151.9	GGGG		49	26
2703-18020	00000/0000	2-10025/1572	12/25/76	90	9803	4759N	12104W	14.0	151.2	GGGG		49	27
2703-18022	00000/0000	2-10025/1573	12/25/76	80	9803	4604N	12139W	15.0	150.6	GGGG		49	28
2703-18025	00000/0000	2-10025/1574	12/25/76	80	9803	4439N	12213W	16.1	150.0	GGGG		49	29
2703-18031	00000/0000	2-10025/1575	12/25/76	90	9803	4314N	12245W	17.2	149.4	GGGG		49	30
2703-18034	00000/0000	2-10025/1576	12/25/76	90	9803	4148N	12316W	18.3	148.8	GGGG		49	31
2703-18040	00000/0000	2-10025/1577	12/25/76	90	9803	4022N	12346W	19.3	148.2	GGGG		49	32
2703-18043	00000/0000	2-10025/1578	12/25/76	70	9803	3856N	12415W	20.4	147.3	GGGG		49	33
2704-14411	00000/0000	2-10025/1614	12/26/76	90	9815	4729N	07052W	14.0	151.1	FFGG		14	27
2704-14413	00000/0000	2-10025/1615	12/26/76	90	9815	4604N	07127W	15.0	150.5	FFGG		14	28
2704-14420	00000/0000	2-10025/1616	12/26/76	90	9815	4438N	07201W	16.1	149.9	FFGG		14	29
2704-14422	00000/0000	2-10025/1617	12/26/76	90	9815	4313N	07233W	17.2	149.3	FFGG		14	30
2704-14425	00000/0000	2-10025/1618	12/26/76	90	9815	4148N	07304W	18.2	148.7	FFGG		14	31
2704-14431	00000/0000	2-10025/1619	12/26/76	90	9815	4022N	07334W	19.3	148.1	FFGG		14	32
2704-14434	00000/0000	2-10025/1620	12/26/76	90	9815	3856N	07404W	20.4	147.5	GGGG		14	33
2704-14440	00000/0000	2-10025/1621	12/26/76	90	9815	3730N	07433W	21.4	146.9	GGGG		14	34
2704-14443	00000/0000	2-10025/1622	12/26/76	90	9815	3604N	07501W	22.4	146.3	GGGG		14	35
2704-14445	00000/0000	2-10025/1623	12/26/76	90	9815	3438N	07527W	23.5	145.6	GGGG		14	36
2704-14452	00000/0000	2-10025/1624	12/26/76	90	9815	3312N	07553W	24.5	145.0	GGGG		14	37
2704-14454	00000/0000	2-10025/1625	12/26/76	90	9815	3146N	07618W	25.5	144.3	GGGG		14	38
2704-14461	00000/0000	2-10025/1626	12/26/76	90	9815	3020N	07642W	26.5	143.6	GGGG		14	39
2704-14463	00000/0000	2-10025/1627	12/26/76	90	9815	2854N	07706W	27.5	142.9	GGGG		14	40
2704-14470	00000/0000	2-10025/1628	12/26/76	70	9815	2727N	07730W	28.5	142.2	GGGG		14	41
2704-16242	00000/0000	2-10025/1579	12/26/76	80	9816	4729N	09640W	14.0	151.1	FFGG		32	27
2704-16245	00000/0000	2-10025/1580	12/26/76	50	9816	4604N	09715W	15.0	150.5	GGGG		32	28
2704-16251	00000/0000	2-10025/1581	12/26/76	40	9816	4438N	09749W	16.1	149.9	GGGG		32	29
2704-16254	00000/0000	2-10025/1582	12/26/76	50	9816	4313N	09822W	17.2	149.3	GGGG		32	30
2704-16260	00000/0000	2-10025/1583	12/26/76	80	9816	4147N	09853W	18.2	148.7	FFGG		32	31
2704-16263	00000/0000	2-10025/1584	12/26/76	40	9816	4021N	09923W	19.3	148.1	GGGG		32	32
2704-16265	00000/0000	2-10025/1585	12/26/76	0	9816	3855N	09953W	20.4	147.5	GGGG		32	33
2704-16272	00000/0000	2-10025/1586	12/26/76	0	9816	3729N	10021W	21.4	146.9	GGGG		32	34
2704-16274	00000/0000	2-10025/1587	12/26/76	0	9816	3604N	10049W	22.4	146.3	GGGG		32	35
2704-16281	00000/0000	2-10025/1588	12/26/76	0	9816	3438N	10115W	23.5	145.6	GGGG		32	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0403

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUNBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUMBER	FRAME RBW NUMBER
2704-16283	00000/0000	2-10025/1589	12/26/76	0	9816	3312N 10141W	24.5	145.0	GGGG			32	37
2704-16290	00000/0000	2-10025/1590	12/26/76	20	9816	3146N 10206W	25.5	144.3	GGGG			32	38
2704-16292	00000/0000	2-10025/1591	12/26/76	0	9816	3019N 10231W	26.5	143.6	GGGG			32	39
2704-16295	00000/0000	2-10025/1592	12/26/76	10	9816	2853N 10255W	27.5	142.9	GGGG			32	40
2704-16301	00000/0000	2-10025/1593	12/26/76	40	9816	2727N 10319W	28.5	142.2	GGGG			32	41
2704-18074	00000/0000	2-10025/1594	12/26/76	80	9817	4732N 12227W	13.9	151.1	GGGG			50	27
2704-18080	00000/0000	2-10025/1595	12/26/76	80	9817	4607N 12302W	15.0	150.5	GGGG			50	28
2704-18083	00000/0000	2-10025/1596	12/26/76	80	9817	4442N 12336W	16.1	149.9	GGGG			50	29
2704-18085	00000/0000	2-10025/1597	12/26/76	70	9817	4317N 12409W	17.1	149.3	GGGG			50	30
2704-18092	00000/0000	2-10025/1598	12/26/76	80	9817	4151N 12440W	18.2	148.7	GGGF			50	31
2704-18094	00000/0000	2-10025/1599	12/26/76	80	9817	4025N 12511W	19.3	148.1	GGGG			50	32
2704-18101	00000/0000	2-10025/1600	12/26/76	70	9817	3859N 12540W	20.3	147.5	GGGG			50	33
2705-14465	00000/0000	2-10026/0007	12/27/76	60	9829	4732N 07218W	13.9	151.0	FGGG			15	27
2705-14471	00000/0000	2-10026/0008	12/27/76	40	9829	4607N 07252W	15.0	150.4	GGGG			15	28
2705-14474	00000/0000	2-10026/0009	12/27/76	10	9829	4442N 07326W	16.1	149.8	GGGG			15	29
2705-14480	00000/0000	2-10026/0010	12/27/76	10	9829	4316N 07358W	17.1	149.2	GGGG			15	30
2705-14485	00000/0000	2-10026/0011	12/27/76	30	9829	4024N 07500W	19.2	148.0	GGGG			15	32
2705-14492	00000/0000	2-10026/0012	12/27/76	10	9829	3859N 07529W	20.3	147.4	FGGG			15	33
2705-14494	00000/0000	2-10026/0013	12/27/76	20	9829	3733N 07558W	21.3	146.8	GGGG			15	34
2705-14501	00000/0000	2-10026/0014	12/27/76	10	9829	3607N 07625W	22.4	146.1	GGGG			15	35
2705-14503	00000/0000	2-10026/0015	12/27/76	10	9829	3441N 07652W	23.4	145.5	GGPG			15	36
2705-14510	00000/0000	2-10026/0016	12/27/76	20	9829	3315N 07718W	24.4	144.9	FGGG			15	37
2705-14512	00000/0000	2-10026/0017	12/27/76	20	9829	3149N 07744W	25.4	144.2	GGGG			15	38
2705-14515	00000/0000	2-10026/0018	12/27/76	30	9829	3022N 07809W	26.4	143.5	GGGG			15	39
2705-14521	00000/0000	2-10026/0019	12/27/76	40	9829	2856N 07833W	27.4	142.8	GGGG			15	40
2705-14524	00000/0000	2-10026/0020	12/27/76	30	9829	2730N 07857W	28.4	142.1	GGGG			15	41
2705-14530	00000/0000	2-10026/0021	12/27/76	30	9829	2603N 07920W	29.4	141.4	GGGG			15	42
2705-16301	00000/0000	2-10026/0022	12/27/76	90	9830	4732N 09806W	13.9	151.0	GGGF			33	27
2705-16303	00000/0000	2-10026/0023	12/27/76	90	9830	4606N 09841W	15.0	150.4	FGGF			33	28
2705-16310	00000/0000	2-10026/0024	12/27/76	50	9830	4441N 09915W	16.1	149.8	FGGG			33	29
2705-16312	00000/0000	2-10026/0025	12/27/76	30	9830	4316N 09947W	17.1	149.2	GGGG			33	30
2705-16315	00000/0000	2-10026/0026	12/27/76	40	9830	4151N 10018W	18.2	148.6	GGGG			33	31
2705-16321	00000/0000	2-10026/0027	12/27/76	70	9830	4025N 10048W	19.2	148.0	GGGG			33	32
2705-16324	00000/0000	2-10026/0028	12/27/76	30	9830	3900N 10117W	20.3	147.4	GGGG			33	33
2705-16330	00000/0000	2-10026/0029	12/27/76	70	9830	3734N 10145W	21.3	146.8	GGGF			33	34
2705-16333	00000/0000	2-10026/0030	12/27/76	60	9830	3608N 10213W	22.4	146.1	GGGG			33	35

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01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0404

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2705-16335	00000/0000	2-10026/0031	12/27/76	30	9830	3442N	10239W	23.4	145.5					
2705-16342	00000/0000	2-10026/0032	12/27/76	10	9830	3316N	10305W	24.4	144.9	GGGG			33	36
2705-16344	00000/0000	2-10026/0033	12/27/76	10	9830	3150N	10331W	25.4	144.2	GGGG			33	37
2705-16351	00000/0000	2-10026/0034	12/27/76	0	9830	3023N	10356W	26.4	143.5	GGGG			33	38
2705-16353	00000/0000	2-10026/0035	12/27/76	0	9830	2857N	10421W	27.4	142.8	GGGG			33	39
2705-16360	00000/0000	2-10026/0036	12/27/76	0	9830	2731N	10445W	28.4	142.1	GGGG			33	40
2705-18132	00000/0000	2-10026/0037	12/27/76	70	9831	4732N	12355W	13.9	151.0	GGGG			33	41
2705-18135	00000/0000	2-10026/0038	12/27/76	50	9831	4606N	12430W	15.0	150.4	GGFG			51	27
2705-18141	00000/0000	2-10026/0039	12/27/76	40	9831	4441N	12504W	16.1	149.8	GGGG			51	28
2705-18144	00000/0000	2-10026/0040	12/27/76	60	9831	4315N	12536W	17.1	149.2	FGGG			51	29
2705-18150	00000/0000	2-10026/0041	12/27/76	60	9831	4150N	12607W	18.2	148.6	GGGG			51	30
2706-14523	00000/0000	2-10026/0042	12/28/76	0	9843	4731N	07344W	13.9	150.9	GGG			51	31
2706-14530	00000/0000	2-10026/0043	12/28/76	0	9843	4606N	07419W	15.0	150.3	GGGG			16	27
2706-14532	00000/0000	2-10026/0044	12/28/76	10	9843	4441N	07452W	16.1	149.7	GGGG			16	28
2706-14535	00000/0000	2-10026/0045	12/28/76	80	9843	4315N	07525W	17.1	149.1	GGGG			16	29
2706-14541	00000/0000	2-10026/0046	12/28/76	100	9843	4150N	07556W	18.2	148.5	GGGG			16	30
2706-14544	00000/0000	2-10026/0047	12/28/76	90	9843	4025N	07626W	19.2	147.9	GGGG			16	31
2706-14550	00000/0000	2-10026/0048	12/28/76	50	9843	3859N	07655W	20.3	147.2	GGGG			16	32
2706-14553	00000/0000	2-10026/0049	12/28/76	60	9843	3733N	07724W	21.3	146.6	GGGG			16	33
2706-14555	00000/0000	2-10026/0050	12/28/76	30	9843	3606N	07752W	22.4	146.0	GGGG			16	34
2706-14562	00000/0000	2-10026/0051	12/28/76	50	9843	3440N	07819W	23.4	145.4	GGGG			16	35
2706-14564	00000/0000	2-10026/0052	12/28/76	90	9843	3314N	07844W	24.4	144.7	GGGG			16	36
2706-14571	00000/0000	2-10026/0053	12/28/76	80	9843	3148N	07910W	25.4	144.1	GGGF			16	37
2706-14573	00000/0000	2-10026/0054	12/28/76	70	9843	3022N	07934W	26.4	143.4	GGGG			16	38
2706-14580	00000/0000	2-10026/0055	12/28/76	60	9843	2856N	07959W	27.4	142.7	GGGG			16	39
2706-14582	00000/0000	2-10026/0056	12/28/76	20	9843	2729N	08022W	28.4	142.0	GGGG			16	40
2706-16364	00000/0000	2-10026/0057	12/28/76	90	9844	4441N	10042W	16.1	149.7	GGGG			16	41
2706-16370	00000/0000	2-10026/0058	12/28/76	80	9844	4315N	10114W	17.1	149.0	PPF			34	29
2706-16373	00000/0000	2-10026/0059	12/28/76	10	9844	4149N	10145W	18.2	148.4	GPG			34	30
2706-16375	00000/0000	2-10026/0060	12/28/76	0	9844	4024N	10215W	19.2	147.8	GFG			34	31
2706-16382	00000/0000	2-10026/0061	12/28/76	0	9844	3858N	10244W	20.3	147.2	FFG			34	32
2706-16384	00000/0000	2-10026/0062	12/28/76	0	9844	3732N	10312W	21.3	146.6	GFG			34	33
2706-16391	00000/0000	2-10026/0063	12/28/76	0	9844	3607N	10340W	22.4	146.0	GGG			34	34
2706-16393	00000/0000	2-10026/0064	12/28/76	0	9844	3441N	10406W	23.4	145.4	GGG			34	35
2706-16400	00000/0000	2-10026/0065	12/28/76	10	9844	3314N	10432W	24.4	144.7	GGG			34	36
2706-16402	00000/0000	2-10026/0066	12/28/76	30	9844	3148N	10458W	25.4	144.0	GGGG			34	37
													34	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0405

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2706-16405	00000/0000	2-10026/0067	12/28/76	60	9844	3022N	10523W	26.4	143.4	GGGG			34	39
2706-16411	00000/0000	2-10026/0068	12/28/76	60	9844	2856N	10547W	27.4	142.7	GGGG			34	40
2707-14581	00000/0000	2-10026/0099	12/29/76	90	9857	4730N	07509W	13.9	150.7	GGGF			17	27
2707-14584	00000/0000	2-10026/0100	12/29/76	60	9857	4605N	07544W	15.0	150.1	FGGG			17	28
2707-14590	00000/0000	2-10026/0101	12/29/76	50	9857	4440N	07618W	16.1	149.5	GGGG			17	29
2707-14593	00000/0000	2-10026/0102	12/29/76	80	9857	4315N	07650W	17.1	148.9	GGG			17	30
2707-14595	00000/0000	2-10026/0103	12/29/76	50	9857	4149N	07721W	18.2	148.3	GGG			17	31
2707-15002	00000/0000	2-10026/0104	12/29/76	50	9857	4023N	07752W	19.3	147.7	GGGG			17	32
2707-15004	00000/0000	2-10026/0105	12/29/76	70	9857	3858N	07821W	20.3	147.1	GGGG			17	33
2707-15011	00000/0000	2-10026/0106	12/29/76	60	9857	3732N	07849W	21.3	146.5	GGGG			17	34
2707-15013	00000/0000	2-10026/0107	12/29/76	40	9857	3606N	07917W	22.4	145.8	GGGG			17	35
2707-15020	00000/0000	2-10026/0108	12/29/76	10	9857	3440N	07943W	23.4	145.2	GGGG			17	36
2707-15022	00000/0000	2-10026/0109	12/29/76	0	9857	3314N	08009W	24.4	144.6	GGGF			17	37
2707-15025	00000/0000	2-10026/0110	12/29/76	10	9857	3147N	08035W	25.4	143.9	GGGG			17	38
2707-15031	00000/0000	2-10026/0111	12/29/76	10	9857	3021N	08100W	26.4	143.2	GGGG			17	39
2707-15034	00000/0000	2-10026/0112	12/29/76	10	9857	2854N	08124W	27.4	142.5	FGGG			17	40
2707-16410	00000/0000	2-10026/0069	12/29/76	90	9858	4856N	10022W	12.9	151.3	GGGG			35	26
2707-16413	00000/0000	2-10026/0070	12/29/76	90	9858	4731N	10059W	14.0	150.7	GGGG			35	27
2707-16415	00000/0000	2-10026/0071	12/29/76	80	9858	4605N	10134W	15.0	150.1	GGGG			35	28
2707-16422	00000/0000	2-10026/0072	12/29/76	30	9858	4440N	10208W	16.1	149.5	GGGG			35	29
2707-16424	00000/0000	2-10026/0073	12/29/76	50	9858	4315N	10240W	17.1	148.9	GGGG			35	30
2707-16431	00000/0000	2-10026/0074	12/29/76	10	9858	4149N	10311W	18.2	148.3	GGGG			35	31
2707-16433	00000/0000	2-10026/0075	12/29/76	10	9858	4023N	10342W	19.3	147.7	GGGG			35	32
2707-16440	00000/0000	2-10026/0076	12/29/76	20	9858	3858N	10411W	20.3	147.1	GGGG			35	33
2707-16442	00000/0000	2-10026/0077	12/29/76	20	9858	3732N	10439W	21.3	146.5	GG G			35	34
2707-16445	00000/0000	2-10026/0078	12/29/76	10	9858	3606N	10506W	22.4	145.8	GGGG			35	35
2707-16451	00000/0000	2-10026/0079	12/29/76	0	9858	3440N	10532W	23.4	145.2	GGGG			35	36
2707-16454	00000/0000	2-10026/0080	12/29/76	30	9858	3314N	10558W	24.4	144.6	GGGG			35	37
2707-16460	00000/0000	2-10026/0081	12/29/76	80	9858	3148N	10624W	25.4	143.9	GGGG			35	38
2707-16463	00000/0000	2-10026/0082	12/29/76	80	9858	3022N	10649W	26.4	143.2	GGGG			35	39
2707-21494	00000/0000	2-10026/0133	12/29/76	100	9861	5311N	17543W	9.6	153.2	GGGG			89	23
2707-21500	00000/0000	2-10026/0134	12/29/76	100	9861	5146N	17626W	10.7	152.6	GGFG			89	24
2708-15033	00000/0000	2-10026/0113	12/30/76	70	9871	4854N	07558W	12.9	151.2	GGGG			18	26
2708-15040	00000/0000	2-10026/0114	12/30/76	10	9871	4730N	07634W	14.0	150.6	GGGG			18	27
2708-15042	00000/0000	2-10026/0115	12/30/76	10	9871	4605N	07709W	15.0	150.0	GGGG			18	28
2708-15045	00000/0000	2-10026/0116	12/30/76	10	9871	4439N	07743W	16.1	149.4	GGGG			18	29

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01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
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FROM 01/22/76 TO 01/22/77

PAGE 0406

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN RSLI MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2708-15051	00000/0000	2-10026/0117	12/30/76	20	9871	4314N	07815W	17.2	148.8	GFGG			18	30
2708-15054	00000/0000	2-10026/0118	12/30/76	30	9871	4148N	07847W	18.2	148.2	GGGG			18	31
2708-15060	00000/0000	2-10026/0119	12/30/76	40	9871	4023N	07917W	19.3	147.6	GGGG			18	32
2708-15063	00000/0000	2-10026/0120	12/30/76	50	9871	3857N	07946W	20.3	146.9	GGGG			18	33
2708-15065	00000/0000	2-10026/0121	12/30/76	10	9871	3730N	08015W	21.3	146.3	GGGG			18	34
2708-15072	00000/0000	2-10026/0122	12/30/76	0	9871	3604N	08043W	22.4	145.7	GGGG			18	35
2708-15074	00000/0000	2-10026/0123	12/30/76	0	9871	3438N	08110W	23.4	145.1	GGGG			18	36
2708-15081	00000/0000	2-10026/0124	12/30/76	10	9871	3312N	08136W	24.4	144.4	GGGG			18	37
2708-15083	00000/0000	2-10026/0125	12/30/76	10	9871	3146N	08201W	25.4	143.7	GGGG			18	38
2708-15090	00000/0000	2-10026/0126	12/30/76	20	9871	3020N	08226W	26.4	143.1	GGGG			18	39
2708-15092	00000/0000	2-10026/0127	12/30/76	40	9871	2854N	08250W	27.4	142.4	GGGG			18	40
2708-16465	00000/0000	2-10026/0083	12/30/76	80	9872	4855N	10148W	12.9	151.2	GGGG			36	26
2708-16471	00000/0000	2-10026/0084	12/30/76	40	9872	4730N	10225W	14.0	150.6	GGGG			36	27
2708-16474	00000/0000	2-10026/0085	12/30/76	10	9872	4605N	10301W	15.0	150.0	GGGG			36	28
2708-16480	00000/0000	2-10026/0086	12/30/76	10	9872	4439N	10335W	16.1	149.4	GGGG			36	29
2708-16483	00000/0000	2-10026/0087	12/30/76	10	9872	4313N	10407W	17.2	148.8	GGGG			36	30
2708-16485	00000/0000	2-10026/0088	12/30/76	80	9872	4148N	10439W	18.2	148.2	GGGG			36	31
2708-16492	00000/0000	2-10026/0089	12/30/76	80	9872	4022N	10509W	19.3	147.5	GFGG			36	32
2708-16494	00000/0000	2-10026/0090	12/30/76	50	9872	3856N	10538W	20.3	146.9	GGGG			36	33
2708-16501	00000/0000	2-10026/0091	12/30/76	10	9872	3731N	10606W	21.4	146.3	GGGG			36	34
2708-16503	00000/0000	2-10026/0092	12/30/76	10	9872	3605N	10633W	22.4	145.7	GGGG			36	35
2708-16510	00000/0000	2-10026/0093	12/30/76	10	9872	3440N	10659W	23.4	145.0	GGGG			36	36
2708-16512	00000/0000	2-10026/0094	12/30/76	10	9872	3314N	10725W	24.4	144.4	GGGG			36	37
2708-16515	00000/0000	2-10026/0095	12/30/76	30	9872	3148N	10750W	25.4	143.7	GGGG			36	38
2708-16521	00000/0000	2-10026/0096	12/30/76	30	9872	3021N	10815W	26.4	143.0	GGGG			36	39
2708-21552	00000/0000	2-10026/0097	12/30/76	70	9875	5310N	17711W	9.7	153.1	GGGG			90	23
2708-21554	00000/0000	2-10026/0098	12/30/76	70	9875	5146N	17753W	10.7	152.4	GGGG			90	24
2709-15091	00000/0000	2-10026/0164	12/31/76	60	9885	4853N	07726W	12.9	151.1	FGGG			19	26
2709-15094	00000/0000	2-10026/0165	12/31/76	20	9885	4728N	07802W	14.0	150.4	GGGG			19	27
2709-15100	00000/0000	2-10026/0166	12/31/76	10	9885	4603N	07837W	15.1	149.8	GGGG			19	28
2709-15103	00000/0000	2-10026/0167	12/31/76	20	9885	4438N	07911W	16.1	149.2	GGGG			19	29
2709-15105	00000/0000	2-10026/0168	12/31/76	20	9885	4313N	07943W	17.2	148.6	GGGG			19	30
2709-15112	00000/0000	2-10026/0169	12/31/76	20	9885	4147N	08014W	18.2	148.0	G			19	31
2709-15114	00000/0000	2-10026/0170	12/31/76	10	9885	4022N	08044W	19.3	147.4	GGGG			19	32
2709-15121	00000/0000	2-10026/0171	12/31/76	10	9885	3856N	08114W	20.3	146.8	GGGG			19	33
2709-15123	00000/0000	2-10026/0172	12/31/76	40	9885	3730N	08142W	21.4	146.2	GGGG			19	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 040

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SAT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN FLY	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SAT PATH NUMBER	FRAME RBW NUMBER
2709-15130	00000/0000	2-10026/0173	12/31/76	30	9885	3604N	08210W	22.4	145.5	GGGG			19	35
2709-15132	00000/0000	2-10026/0174	12/31/76	10	9885	3438N	08237W	23.4	144.9	GGGG			19	36
2709-15135	00000/0000	2-10026/0175	12/31/76	40	9885	3311N	08303W	24.4	144.2	GGGG			19	37
2709-15141	00000/0000	2-10026/0176	12/31/76	90	9885	3146N	08328W	25.4	143.6	GGGG			19	38
2709-15144	00000/0000	2-10026/0177	12/31/76	70	9885	3020N	08353W	26.4	142.9	GGGG			19	39
2709-16523	00000/0000	2-10026/0135	12/31/76	10	9886	4854N	10314W	12.9	151.0	GGGF			37	26
2709-16525	00000/0000	2-10026/0136	12/31/76	50	9886	4729N	10351W	14.0	150.4	GGGG			37	27
2709-16532	00000/0000	2-10026/0137	12/31/76	60	9886	4604N	10426W	15.1	149.8	GGGG			37	28
2709-16534	00000/0000	2-10026/0138	12/31/76	90	9886	4439N	10459W	16.1	149.2	GGGG			37	29
2709-16541	00000/0000	2-10026/0139	12/31/76	90	9886	4313N	10532W	17.2	148.6	GGGG			37	30
2709-16543	00000/0000	2-10026/0140	12/31/76	50	9886	4147N	10503W	18.2	148.0	GGGF			37	31
2709-16550	00000/0000	2-10026/0141	12/31/76	50	9886	4022N	10634W	19.3	147.4	GGGG			37	32
2709-16552	00000/0000	2-10026/0142	12/31/76	70	9886	3856N	10703W	20.3	146.8	GGGG			37	33
2709-16555	00000/0000	2-10026/0143	12/31/76	90	9886	3730N	10731W	21.4	146.2	GGGG			37	34
2709-16561	00000/0000	2-10026/0144	12/31/76	90	9886	3604N	10758W	22.4	145.5	GGGG			37	35
2709-16564	00000/0000	2-10026/0145	12/31/76	80	9886	3439N	10825W	23.4	144.9	GGGG			37	36
2709-16570	00000/0000	2-10026/0146	12/31/76	80	9886	3313N	10850W	24.4	144.2	FGGG			37	37
2709-16573	00000/0000	2-10026/0147	12/31/76	60	9886	3147N	10915W	25.4	143.6	GGGG			37	38
2709-16575	00000/0000	2-10026/0148	12/31/76	50	9886	3021N	10940W	26.4	142.9	GGGG			37	39
2709-22013	00000/0000	2-10026/0163	12/31/76	40	9889	5145N	17921W	10.8	152.3	GGGG			91	24
2710-15190	00000/0000	2-10026/0128	01/01/77	0	9899	3440N	08401W	23.4	144.8	GGGG			20	36
2710-15193	00000/0000	2-10026/0129	01/01/77	10	9899	3314N	08427W	24.4	144.1	GGGG			20	37
2710-15195	00000/0000	2-10026/0130	01/01/77	10	9899	3148N	08452W	25.4	143.4	GGGG			20	38
2710-15202	00000/0000	2-10026/0131	01/01/77	10	9899	3022N	08517W	26.4	142.8	GGGG			20	39
2710-15204	00000/0000	2-10026/0132	01/01/77	60	9899	2856N	08542W	27.4	142.1	GGGG			20	40
2710-16581	00000/0000	2-10026/0149	01/01/77	20	9900	4857N	10439W	12.9	150.9	FGGF			38	26
2710-16583	00000/0000	2-10026/0150	01/01/77	40	9900	4731N	10516W	14.0	150.3	GGGG			38	27
2710-16590	00000/0000	2-10026/0151	01/01/77	90	9900	4606N	10551W	15.1	149.7	GGGG			38	28
2710-16592	00000/0000	2-10026/0152	01/01/77	90	9900	4441N	10624W	16.1	149.1	GGGG			38	29
2710-16595	00000/0000	2-10026/0153	01/01/77	80	9900	4315N	10656W	17.2	148.5	GGGG			38	30
2710-17001	00000/0000	2-10026/0154	01/01/77	70	9900	4150N	10727W	18.2	147.9	FGGG			38	31
2710-17004	00000/0000	2-10026/0155	01/01/77	40	9900	4024N	10757W	19.3	147.3	GGGG			38	32
2710-17010	00000/0000	2-10026/0156	01/01/77	70	9900	3859N	10826W	20.3	146.6	GGGG			38	33
2710-17013	00000/0000	2-10026/0157	01/01/77	70	9900	3733N	10854W	21.3	146.0	GGGG			38	34
2710-17015	00000/0000	2-10026/0158	01/01/77	70	9900	3607N	10921W	22.4	145.4	GGGG			38	35
2710-17022	00000/0000	2-10026/0159	01/01/77	80	9900	3441N	10948W	23.4	144.7	GGGG			38	36

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01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0408

OBSERVATION ID	MICROFILM POSITION IN ROL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2710-17024	00000/0000	2-10026/0160	01/01/77	80	9900	3315N	11015W	24.4	144.1	GGGG			38	37
2710-17031	00000/0000	2-10026/0161	01/01/77	60	9900	3149N	11040W	25.4	143.4	GGGF			38	38
2710-17033	00000/0000	2-10026/0162	01/01/77	90	9900	3023N	11105W	26.4	142.7	GGGG			38	39
2711-15203	00000/0000	2-10026/0178	01/02/77	50	9913	4855N	08015W	13.0	150.8	GGGG			21	26
2711-15210	00000/0000	2-10026/0179	01/02/77	50	9913	4730N	08052W	14.1	150.2	GGGG			21	27
2711-15212	00000/0000	2-10026/0180	01/02/77	60	9913	4605N	08127W	15.1	149.6	GGGG			21	28
2711-15215	00000/0000	2-10026/0181	01/02/77	90	9913	4440N	08201W	16.2	148.9	GGGG			21	29
2711-15221	00000/0000	2-10026/0182	01/02/77	90	9913	4314N	08233W	17.2	148.3	GGGG			21	30
2711-15224	00000/0000	2-10026/0183	01/02/77	80	9913	4149N	08304W	18.3	147.7	GGGG			21	31
2711-15230	00000/0000	2-10026/0184	01/02/77	20	9913	4023N	08334W	19.3	147.1	GGGG			21	32
2711-15233	00000/0000	2-10026/0185	01/02/77	0	9913	3858N	08403W	20.3	146.5	GGGG			21	33
2711-15235	00000/0000	2-10026/0186	01/02/77	20	9913	3732N	08432W	21.4	145.9	GGFG			21	34
2711-15242	00000/0000	2-10026/0187	01/02/77	50	9913	3606N	08459W	22.4	145.2	GGFG			21	35
2711-15244	00000/0000	2-10026/0188	01/02/77	100	9913	3440N	08526W	23.4	144.6	GGGF			21	36
2711-15251	00000/0000	2-10026/0189	01/02/77	100	9913	3314N	08552W	24.4	143.9	GGGG			21	37
2711-15253	00000/0000	2-10026/0190	01/02/77	100	9913	3148N	08618W	25.4	143.3	GGGG			21	38
2711-15260	00000/0000	2-10026/0191	01/02/77	100	9913	3022N	08643W	26.4	142.6	FGGG			21	39
2711-17035	00000/0000	2-10026/0206	01/02/77	20	9914	4856N	10605W	13.0	150.8	GGGG			39	26
2711-17042	00000/0000	2-10026/0207	01/02/77	10	9914	4731N	10642W	14.1	150.2	GGGG			39	27
2711-17044	00000/0000	2-10026/0208	01/02/77	20	9914	4606N	10717W	15.1	149.5	GGGG			39	28
2711-17051	00000/0000	2-10026/0209	01/02/77	0	9914	4441N	10750W	16.2	148.9	GGGG			39	29
2711-17053	00000/0000	2-10026/0210	01/02/77	10	9914	4316N	10822W	17.2	148.3	GGGG			39	30
2711-17060	00000/0000	2-10026/0211	01/02/77	20	9914	4151N	10853W	18.3	147.7	GGGG			39	31
2711-17062	00000/0000	2-10026/0212	01/02/77	20	9914	4026N	10923W	19.3	147.1	GGGG			39	32
2711-17065	00000/0000	2-10026/0213	01/02/77	20	9914	3859N	10952W	20.3	146.5	GGGG			39	33
2711-17071	00000/0000	2-10026/0214	01/02/77	20	9914	3733N	11020W	21.4	145.9	GGGG			39	34
2711-17074	00000/0000	2-10026/0215	01/02/77	20	9914	3607N	11048W	22.4	145.2	GGGG			39	35
2712-15262	00000/0000	2-10026/0192	01/03/77	90	9927	4855N	08141W	13.0	150.6	GGPG			22	26
2712-15264	00000/0000	2-10026/0193	01/03/77	70	9927	4730N	08218W	14.1	150.0	GGPG			22	27
2712-15271	00000/0000	2-10026/0194	01/03/77	80	9927	4604N	08253W	15.2	149.4	GGPG			22	28
2712-15273	00000/0000	2-10026/0195	01/03/77	90	9927	4439N	08327W	16.2	148.8	GGPG			22	29
2712-15280	00000/0000	2-10026/0196	01/03/77	90	9927	4314N	08400W	17.3	148.2	GFPG			22	30
2712-15282	00000/0000	2-10026/0197	01/03/77	90	9927	4148N	08432W	18.3	147.6	GGPG			22	31
2712-15285	00000/0000	2-10026/0198	01/03/77	80	9927	4023N	08502W	19.4	147.0	GGPG			22	32
2712-15291	00000/0000	2-10026/0199	01/03/77	80	9927	3857N	08531W	20.4	146.3	GGPG			22	33
2712-15294	00000/0000	2-10026/0200	01/03/77	100	9927	3731N	08559W	21.4	145.7	GGGG			22	34

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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0409

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2712-15300	00000/0000	2-10026/0201	01/03/77	100	9927	3605N	08627W	22.4	145.1	GGGG			22	35
2712-15303	00000/0000	2-10026/0202	01/03/77	100	9927	3439N	08654W	23.4	144.4	GGPG			22	36
2712-15305	00000/0000	2-10026/0203	01/03/77	100	9927	3313N	08720W	24.4	143.8	GGPG			22	37
2712-15312	00000/0000	2-10026/0204	01/03/77	90	9927	3147N	08745W	25.4	143.1	GGPG			22	38
2712-15314	00000/0000	2-10026/0205	01/03/77	90	9927	3021N	08810W	26.4	142.4	GGGG			22	39
2712-17093	00000/0000	2-10026/0229	01/03/77	50	9928	4855N	10730W	13.1	150.6	GGGF			40	26
2712-17100	00000/0000	2-10026/0230	01/03/77	70	9928	4730N	10806W	14.1	150.0	GGGG			40	27
2712-17102	00000/0000	2-10026/0231	01/03/77	60	9928	4605N	10841W	15.2	149.4	GGGP			40	28
2712-17105	00000/0000	2-10026/0232	01/03/77	60	9928	4440N	10915W	16.2	148.8	GGGF			40	29
2712-17111	00000/0000	2-10026/0233	01/03/77	90	9928	4315N	10947W	17.3	148.2	GGGF			40	30
2712-17114	00000/0000	2-10026/0234	01/03/77	90	9928	4149N	11018W	18.3	147.6	GGGF			40	31
2712-17120	00000/0000	2-10026/0235	01/03/77	90	9928	4024N	11049W	19.4	146.9	GGGF			40	32
2712-17123	00000/0000	2-10026/0236	01/03/77	90	9928	3858N	11118W	20.4	146.3	GGGG			40	33
2712-17125	00000/0000	2-10026/0237	01/03/77	90	9928	3732N	11146W	21.4	145.7	GGGG			40	34
2712-17132	00000/0000	2-10026/0238	01/03/77	80	9928	3606N	11214W	22.4	145.1	GGGG			40	35
2712-17134	00000/0000	2-10026/0239	01/03/77	90	9928	3440N	11241W	23.4	144.4	GGGG			40	36
2712-17141	00000/0000	2-10026/0240	01/03/77	60	9928	3314N	11307W	24.4	143.8	GGGG			40	37
2712-17143	00000/0000	2-10026/0241	01/03/77	20	9928	3148N	11333W	25.4	143.1	GGGG			40	38
2712-17150	00000/0000	2-10026/0242	01/03/77	10	9928	3022N	11358W	26.4	142.4	GGGP			40	39
2713-15320	00000/0000	2-10026/0216	01/04/77	50	9941	4854N	08309W	13.1	150.5	GGGG			23	26
2713-15322	00000/0000	2-10026/0217	01/04/77	50	9941	4729N	08346W	14.2	149.9	GGGG			23	27
2713-15325	00000/0000	2-10026/0218	01/04/77	40	9941	4604N	08421W	15.2	149.2	GGGG			23	28
2713-15331	00000/0000	2-10026/0219	01/04/77	20	9941	4439N	08455W	16.3	148.6	GGGG			23	29
2713-15334	00000/0000	2-10026/0220	01/04/77	10	9941	4314N	08527W	17.3	148.0	GGGG			23	30
2713-15340	00000/0000	2-10026/0221	01/04/77	30	9941	4149N	08558W	18.4	147.4	GGGG			23	31
2713-15343	00000/0000	2-10026/0222	01/04/77	80	9941	4024N	08628W	19.4	146.8	GGGG			23	32
2713-15345	00000/0000	2-10026/0223	01/04/77	100	9941	3858N	08657W	20.4	146.2	GGGG			23	33
2713-15352	00000/0000	2-10026/0224	01/04/77	100	9941	3731N	08725W	21.4	145.5	GGGG			23	34
2713-15354	00000/0000	2-10026/0225	01/04/77	100	9941	3605N	08753W	22.5	144.9	GGGG			23	35
2713-15361	00000/0000	2-10026/0226	01/04/77	100	9941	3439N	08820W	23.5	144.3	GGGG			23	36
2713-15363	00000/0000	2-10026/0227	01/04/77	100	9941	3313N	08846W	24.5	143.6	GGGG			23	37
2713-15370	00000/0000	2-10026/0228	01/04/77	100	9941	3147N	08911W	25.5	142.9	GGGG			23	38
2713-17151	00000/0000	2-10026/0243	01/04/77	90	9942	4854N	10858W	13.1	150.5	GGFF			41	26
2713-17154	00000/0000	2-10026/0244	01/04/77	70	9942	4729N	10934W	14.2	149.9	GGGG			41	27
2713-17160	00000/0000	2-10026/0245	01/04/77	40	9942	4604N	11009W	15.2	149.2	GGGG			41	28
2713-17163	00000/0000	2-10026/0246	01/04/77	20	9942	4438N	11042W	16.3	148.6	GGGG			41	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
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FROM 01/22/76 TO 01/22/77

PAGE 0410

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2713-17165	00000/0000	2-10026/0247	01/04/77	60	9942	4313N	11114W	17.3	148.0	GGGG		41	30
2713-17172	00000/0000	2-10026/0248	01/04/77	70	9942	4148N	11145W	18.4	147.4	GGGG		41	31
2713-17174	00000/0000	2-10026/0249	01/04/77	70	9942	4025N	11216W	19.4	146.8	GGGG		41	32
2713-17181	00000/0000	2-10026/0250	01/04/77	70	9942	3859N	11245W	20.4	146.2	GGGG		41	33
2713-17183	00000/0000	2-10026/0251	01/04/77	20	9942	3731N	11312W	21.5	145.5	GGGG		41	34
2713-17190	00000/0000	2-10026/0252	01/04/77	40	9942	3606N	11339W	22.5	144.9	GGGG		41	35
2713-17192	00000/0000	2-10026/0253	01/04/77	80	9942	3441N	11406W	23.5	144.3	GGGG		41	36
2713-17195	00000/0000	2-10026/0254	01/04/77	80	9942	3315N	11433W	24.5	143.6	GGGG		41	37
2713-17201	00000/0000	2-10026/0255	01/04/77	80	9942	3147N	11452W	25.5	142.9	GGGG		41	38
2714-15374	2-10026/0868	00000/0000	01/05/77	10	9955	4850N	08431W	13.2	150.3	GGG		24	26
2714-15381	2-10026/0869	2-10026/0256	01/05/77	20	9955	4730N	08510W	14.3	149.7	GGG	GGGG	24	27
2714-15383	00000/0000	2-10026/0257	01/05/77	60	9955	4604N	08545W	15.3	149.1	GGGG		24	28
2714-15390	00000/0000	2-10026/0258	01/05/77	70	9955	4439N	08619W	16.3	148.5	GGGG		24	29
2714-15392	00000/0000	2-10026/0259	01/05/77	60	9955	4314N	08652W	17.4	147.9	GGGG		24	30
2714-15395	2-10026/0870	2-10026/0260	01/05/77	40	9955	4148N	08723W	18.5	147.2	GGG	GGGG	24	31
2714-15401	2-10026/0871	2-10026/0261	01/05/77	70	9955	4023N	08753W	19.5	146.6	GG	GGGG	24	32
2714-15404	2-10026/0872	2-10026/0262	01/05/77	100	9955	3857N	08822W	20.5	146.0	GGG	GGGG	24	33
2714-15410	2-10026/0873	2-10026/0263	01/05/77	90	9955	3731N	08850W	21.5	145.3	GGG	GGGG	24	34
2714-15413	2-10026/0874	2-10026/0264	01/05/77	90	9955	3605N	08918W	22.6	144.7	GGG	GGGG	24	35
2714-15415	2-10026/0875	2-10026/0265	01/05/77	90	9955	3439N	08945W	23.6	144.1	GFF	GGGG	24	36
2714-15422	2-10026/0876	2-10026/0266	01/05/77	30	9955	3313N	09011W	24.6	143.4	GFF	GGGG	24	37
2714-17210	00000/0000	2-10026/0267	01/05/77	30	9956	4854N	11023W	13.2	150.3		GGGF	42	26
2714-17212	00000/0000	2-10026/0268	01/05/77	10	9956	4729N	11100W	14.2	149.7		GGGF	42	27
2714-17215	00000/0000	2-10026/0269	01/05/77	10	9956	4604N	11135W	15.3	149.1		GGGG	42	28
2714-17221	00000/0000	2-10026/0270	01/05/77	0	9956	4439N	11209W	16.3	148.5		GGGG	42	29
2714-17224	00000/0000	2-10026/0271	01/05/77	10	9956	4313N	11241W	17.4	147.9		GGGF	42	30
2714-17230	00000/0000	2-10026/0272	01/05/77	10	9956	4148N	11313W	18.4	147.2		GGGG	42	31
2714-17233	00000/0000	2-10026/0273	01/05/77	70	9956	4023N	11342W	19.5	146.6		GGGG	42	32
2714-17235	00000/0000	2-10026/0274	01/05/77	90	9956	3856N	11411W	20.5	146.0		GGGG	42	33
2714-17242	00000/0000	2-10026/0275	01/05/77	80	9956	3730N	11440W	21.5	145.4		FGGG	42	34
2714-17244	00000/0000	2-10026/0276	01/05/77	90	9956	3604N	11507W	22.5	144.7		GGGG	42	35
2714-17251	00000/0000	2-10026/0277	01/05/77	30	9956	3439N	11534W	23.5	144.1		GGGG	42	36
2714-17253	00000/0000	2-10026/0278	01/05/77	30	9956	3313N	11600W	24.5	143.4		FGGG	42	37
2714-17260	00000/0000	2-10026/0279	01/05/77	60	9956	3146N	11626W	25.5	142.7		GGGG	42	38
2715-15432	00000/0000	2-10026/0337	01/06/77	90	9969	4854N	08602W	13.2	150.2		GGGG	25	26
2715-15435	00000/0000	2-10026/0338	01/06/77	100	9969	4729N	08638W	14.3	149.6		GGGG	25	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

0129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0411

OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2715-15441	00000/0000 2-10026/0339	01/06/77	90	9969	4604N 08712W	15.3	148.9	GFFG			25	28
2715-15444	00000/0000 2-10026/0340	01/06/77	50	9969	4439N 08746W	16.4	148.3	GFGG			25	29
2715-15450	00000/0000 2-10026/0341	01/06/77	40	9969	4314N 08818W	17.4	147.7	GGGG			25	30
2715-15453	00000/0000 2-10026/0342	01/06/77	70	9969	4149N 08848W	18.5	147.1	GGGG			25	31
2715-15455	00000/0000 2-10026/0343	01/06/77	60	9969	4023N 08919W	19.5	146.5	GGGG			25	32
2715-15462	00000/0000 2-10026/0344	01/06/77	90	9969	3857N 08968W	20.5	145.8	GGGG			25	33
2715-15464	00000/0000 2-10026/0345	01/06/77	100	9969	3731N 09016W	21.5	145.2	GGGG			25	34
2715-15471	00000/0000 2-10026/0346	01/06/77	100	9969	3605N 09044W	22.5	144.6	GFGG			25	35
2715-15473	00000/0000 2-10026/0347	01/06/77	100	9969	3439N 09110W	23.6	143.9	GGGF			25	36
2715-15480	00000/0000 2-10026/0348	01/06/77	100	9969	3313N 09137W	24.5	143.3	GGGG			25	37
2715-15482	00000/0000 2-10026/0349	01/06/77	90	9969	3147N 09202W	25.5	142.6	GGGG			25	38
2715-17264	00000/0000 2-10026/0280	01/06/77	100	9970	4854N 11151W	13.0	150.2	GGGG			43	26
2715-17273	00000/0000 2-10026/0281	01/06/77	80	9970	4604N 11303W	15.4	148.9	GGGG			43	28
2715-17284	00000/0000 2-10026/0282	01/06/77	20	9970	4148N 11440W	18.5	147.1	FFFF			43	31
2715-17291	00000/0000 2-10026/0283	01/06/77	10	9970	4023N 11510W	19.5	146.5	GGGG			43	32
2715-17293	00000/0000 2-10026/0284	01/06/77	10	9970	3857N 11539W	20.5	145.8	GGGG			43	33
2716-15493	00000/0000 2-10026/0317	01/07/77	70	9983	4730N 08804W	14.4	149.4	GGGG			26	27
2716-15495	00000/0000 2-10026/0318	01/07/77	10	9983	4605N 08839W	15.4	148.8	GG G			26	28
2716-15502	00000/0000 2-10026/0319	01/07/77	0	9983	4439N 08912W	16.5	148.2	GGGG			26	29
2716-15504	00000/0000 2-10026/0320	01/07/77	0	9983	4313N 08944W	17.5	147.5	GGGG			26	30
2716-15511	00000/0000 2-10026/0321	01/07/77	0	9983	4148N 09014W	18.5	146.9	GGGG			26	31
2716-15513	00000/0000 2-10026/0322	01/07/77	0	9983	4023N 09045W	19.6	146.3	GGGG			26	32
2716-15520	00000/0000 2-10026/0323	01/07/77	0	9983	3856N 09114W	20.6	145.7	GGGG			26	33
2716-15522	00000/0000 2-10026/0324	01/07/77	0	9983	3730N 09143W	21.6	145.0	GGGG			26	34
2716-15525	00000/0000 2-10026/0325	01/07/77	10	9983	3605N 09211W	22.6	144.4	GGGG			26	35
2716-15531	00000/0000 2-10026/0326	01/07/77	10	9983	3439N 09238W	23.6	143.7	GGGG			26	36
2716-15534	00000/0000 2-10026/0327	01/07/77	10	9983	3312N 09304W	24.6	143.1	GGGG			26	37
2716-15540	00000/0000 2-10026/0328	01/07/77	20	9983	3146N 09330W	25.6	142.4	FGGG			26	38
2716-15543	00000/0000 2-10026/0329	01/07/77	30	9983	3020N 09354W	26.5	141.7	GGGG			26	39
2716-15545	00000/0000 2-10026/0285	01/07/77	10	9983	2854N 09418W	27.5	141.0	GGG			26	40
2716-15552	00000/0000 2-10026/0286	01/07/77	10	9983	2727N 09442W	28.5	140.3	FGGG			26	41
2716-15554	00000/0000 2-10026/0287	01/07/77	30	9983	2601N 09505W	29.4	139.5	GGGG			26	42
2716-15561	00000/0000 2-10026/0288	01/07/77	60	9983	2435N 09528W	30.3	138.7	GGGG			26	43
2716-17322	00000/0000 2-10026/0289	01/07/77	70	9984	4854N 11317W	13.3	150.0	GGGG			44	26
2716-17325	00000/0000 2-10026/0290	01/07/77	80	9984	4729N 11353W	14.4	149.4	GGGG			44	27
2716-17331	00000/0000 2-10026/0291	01/07/77	80	9984	4604N 11428W	15.4	148.8	GGGG			44	28

KEYS: C=CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 I=IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 M=MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 M=MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01129 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0417

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	SARBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SARBIT PATH NUMBER	FRAME RBW NUMBER
2716-17334	00000/0000	2-10026/0292	01/07/77	80	9984	4438N 11502W	16.5	148.1	GGGG			44	29
2716-17340	00000/0000	2-10026/0293	01/07/77	80	9984	4312N 11534W	17.5	147.5	GGGG			44	30
2716-17343	00000/0000	2-10026/0294	01/07/77	10	9984	4147N 11605W	18.5	146.9	GGGG			44	31
2716-17345	00000/0000	2-10026/0295	01/07/77	7	9984	4021N 11635W	19.6	146.3	GGGG			44	32
2716-17352	00000/0000	2-10026/0296	01/07/77	0	9984	3856N 11704W	20.6	145.7	GGGG			44	33
2716-17354	00000/0000	2-10026/0297	01/07/77	10	9984	3730N 11733W	21.6	145.0	GGGG			44	34
2716-17361	00000/0000	2-10026/0298	01/07/77	60	9984	3604N 11800W	22.6	144.4	GGGG			44	35
2716-17363	00000/0000	2-10026/0299	01/07/77	80	9984	3439N 11827W	23.6	143.7	GGGG			44	36
2716-17370	00000/0000	2-10026/0300	01/07/77	70	9984	3312N 11853W	24.6	143.1	GGGG			44	37
2717-15551	00000/0000	2-10026/0330	01/08/77	40	9997	4729N 08931W	14.5	149.2	GGGG			27	27
2717-17380	00000/0000	2-10026/0301	01/08/77	30	9998	4854N 11441W	13.4	149.9	GGGG			45	26
2717-17383	00000/0000	2-10026/0302	01/08/77	70	9998	4729N 11517W	14.5	149.2	GGGG			45	27
2717-17385	00000/0000	2-10026/0303	01/08/77	70	9998	4604N 11552W	15.5	148.6	GGGG			45	28
2717-17392	00000/0000	2-10026/0304	01/08/77	10	9998	4439N 11626W	16.6	148.0	GGGG			45	29
2717-17394	00000/0000	2-10026/0305	01/08/77	10	9998	4314N 11659W	17.6	147.4	GGGG			45	30
2717-17401	00000/0000	2-10026/0306	01/08/77	10	9998	4148N 11730W	18.6	146.7	GGFG			45	31
2717-17403	00000/0000	2-10026/0307	01/08/77	0	9998	4022N 11801W	19.6	146.1	GGGG			45	32
2717-17410	00000/0000	2-10026/0308	01/08/77	10	9998	3857N 11830W	20.7	145.5	GGGG			45	33
2717-17412	00000/0000	2-10026/0309	01/08/77	10	9998	3731N 11859W	21.7	144.9	GGGG			45	34
2717-17415	00000/0000	2-10026/0310	01/08/77	30	9998	3605N 11926W	22.7	144.2	GGFG			45	35
2717-17421	00000/0000	2-10026/0311	01/08/77	20	9998	3438N 11953W	23.7	143.6	GGGF			45	36
2717-17424	00000/0000	2-10026/0312	01/08/77	80	9998	3312N 12019W	24.7	142.9	GGGG			45	37
2718-14174	00000/0000	2-10026/0313	01/09/77	10	10	4731N 06504W	14.5	149.1	GGGG			10	27
2718-14180	00000/0000	2-10026/0314	01/09/77	10	10	4606N 06539W	15.6	148.5	GGGG			10	28
2718-14183	00000/0000	2-10026/0315	01/09/77	10	10	4440N 06613W	16.6	147.9	GGGG			10	29
2718-14185	00000/0000	2-10026/0316	01/09/77	70	10	4315N 06646W	17.7	147.2	GGGG			10	30
2718-16003	00000/0000	2-10026/0331	01/09/77	0	11	4854N 09020W	13.5	149.7	GGGG			28	26
2718-16005	00000/0000	2-10026/0332	01/09/77	10	11	4729N 09057W	14.6	149.1	GGGG			28	27
2718-16012	00000/0000	2-10026/0333	01/09/77	0	11	4604N 09132W	15.6	148.5	GGGG			28	28
2718-16014	00000/0000	2-10026/0334	01/09/77	0	11	4438N 09205W	16.6	147.8	GGGG			28	29
2718-16021	00000/0000	2-10026/0335	01/09/77	30	11	4313N 09237W	17.7	147.2	GGFG			28	30
2718-16023	00000/0000	2-10026/0336	01/09/77	20	11	4148N 09309W	18.7	146.6	GGGG			28	31
2718-16030	00000/0000	2-10026/0351	01/09/77	80	11	4022N 09339W	19.7	146.0	FGGF			28	32
2718-16032	00000/0000	2-10026/0352	01/09/77	100	11	3856N 09408W	20.7	145.3	GGGG			28	33
2718-16035	00000/0000	2-10026/0353	01/09/77	100	11	3731N 09436W	21.7	144.7	GGGG			28	34
2718-16041	00000/0000	2-10026/0354	01/09/77	100	11	3605N 09503W	22.7	144.0	GGGG			28	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0413

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2718-16044	00000/0000	2-10026/0355	01/09/77	90	11	3439N	09530W	23.7	143.4	GGGG			28	36
2718-16050	00000/0000	2-10026/0356	01/09/77	80	11	3312N	09556W	24.7	142.7	GGFG			28	37
2718-16053	00000/0000	2-10026/0357	01/09/77	70	11	3146N	09622W	25.7	142.0	GGGG			28	38
2718-16055	00000/0000	2-10026/0358	01/09/77	40	11	3020N	09646W	26.6	141.3	FGGF			28	39
2718-16062	00000/0000	2-10026/0359	01/09/77	60	11	2854N	09711W	27.6	140.6	GG G			28	40
2718-16064	00000/0000	2-10026/0360	01/09/77	80	11	2728N	09735W	28.5	139.9	FGGG			28	41
2718-16071	00000/0000	2-10026/0361	01/09/77	90	11	2601N	09758W	29.5	139.1	GGGG			28	42
2718-17443	00000/0000	2-10026/0350	01/09/77	20	12	4604N	11720W	15.6	148.4	G G			46	28
2718-17450	00000/0000	2-10026/0362	01/09/77	10	12	4439N	11754W	16.6	147.8	GGGG			46	29
2718-17452	00000/0000	2-10026/0363	01/09/77	0	12	4314N	11827W	17.7	147.2	GGGG			46	30
2718-17455	00000/0000	2-10026/0364	01/09/77	0	12	4148N	11858W	18.7	146.6	GGGG			46	31
2718-17461	00000/0000	2-10026/0365	01/09/77	0	12	4023N	11928W	19.7	146.0	GGGG			46	32
2718-17464	00000/0000	2-10026/0366	01/09/77	0	12	3857N	11957W	20.7	145.3	GGGG			46	33
2718-17470	00000/0000	2-10026/0367	01/09/77	10	12	3731N	12026W	21.7	144.7	GGGG			46	34
2718-17473	00000/0000	2-10026/0368	01/09/77	10	12	3605N	12053W	22.7	144.0	FGGG			46	35
2718-17475	00000/0000	2-10026/0369	01/09/77	10	12	3439N	12120W	23.7	143.4	GGGG			46	36
2719-14232	00000/0000	2-10026/0370	01/10/77	60	24	4730N	06633W	14.6	148.9	GGGG			11	27
2719-14234	00000/0000	2-10026/0371	01/10/77	90	24	4605N	06708W	15.7	148.3	GGGG			11	28
2719-14241	00000/0000	2-10026/0372	01/10/77	90	24	4440N	06742W	16.7	147.7	FGGG			11	29
2719-14243	00000/0000	2-10026/0373	01/10/77	100	24	4315N	06814W	17.7	147.1	GGGG			11	30
2719-14250	00000/0000	2-10026/0376	01/10/77	100	24	4149N	06845W	18.8	146.4	GG		H	11	31
2719-14252	00000/0000	2-10026/0374	01/10/77	100	24	4023N	06916W	19.8	145.8	GGGG		H	11	32
2719-14255	00000/0000	2-10026/0375	01/10/77	100	24	3858N	06946W	20.8	145.2	GGGG		H	11	33
2719-16064	00000/0000	2-10026/0377	01/10/77	0	25	4730N	09222W	14.6	148.9	GGGG			29	27
2719-16070	00000/0000	2-10026/0378	01/10/77	0	25	4605N	09257W	15.7	148.3	GGGG			29	28
2719-16073	00000/0000	2-10026/0379	01/10/77	0	25	4440N	09331W	16.7	147.7	GGGG			29	29
2719-16075	00000/0000	2-10026/0380	01/10/77	0	25	4314N	09403W	17.8	147.1	GGGG			29	30
2719-16082	00000/0000	2-10026/0381	01/10/77	0	25	4149N	09434W	18.8	146.4	GGGG			29	31
2719-16084	00000/0000	2-10026/0382	01/10/77	0	25	4023N	09504W	19.8	145.8	GGGG			29	32
2719-16091	00000/0000	2-10026/0383	01/10/77	0	25	3857N	09533W	20.8	145.2	GGGG			29	33
2719-16093	00000/0000	2-10026/0384	01/10/77	0	25	3732N	09601W	21.8	144.5	GGGG			29	34
2719-16102	00000/0000	2-10026/0385	01/10/77	0	25	3439N	09656W	23.8	143.2	GGGG			29	36
2719-16105	00000/0000	2-10026/0386	01/10/77	0	25	3313N	09723W	24.8	142.5	GGGG			29	37
2719-16111	00000/0000	2-10026/0387	01/10/77	0	25	3147N	09748W	25.7	141.8	GGGG			29	38
2719-16114	00000/0000	2-10026/0388	01/10/77	0	25	3021N	09813W	26.7	141.1	GGGG			29	39
2719-16120	00000/0000	2-10026/0389	01/10/77	0	25	2854N	09837W	27.6	140.4	GGGG			29	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=1.0W GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0414

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NR./ MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RRV MSS DATA 123 45678	MSS MODE	MSS GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2719-16123	00000/0000	2-10026/0390	01/10/77	0	25	2728N	09901W	28.6	139.7	GGGG			29	41
2719-16125	00000/0000	2-10026/0391	01/10/77	70	25	2602N	09924W	29.5	138.9	GFGG			29	42
2719-17493	00000/0000	2-10026/0392	01/10/77	40	26	4855N	11735W	13.6	149.6	GGGG			47	26
2719-17495	00000/0000	2-10026/0393	01/10/77	90	26	4730N	11812W	14.7	148.9	GGGG			47	27
2719-17502	00000/0000	2-10026/0394	01/10/77	90	26	4605N	11847W	15.7	148.3	GGGG			47	28
2719-17504	00000/0000	2-10026/0395	01/10/77	90	26	4439N	11921W	16.7	147.7	GGGG			47	29
2719-17511	00000/0000	2-10026/0396	01/10/77	80	26	4313N	11953W	17.8	147.0	GGGF			47	30
2719-17513	00000/0000	2-10026/0397	01/10/77	90	26	4148N	12024W	18.8	146.4	GGGG			47	31
2719-17520	00000/0000	2-10026/0398	01/10/77	40	26	4022N	12054W	19.8	145.8	GGGG			47	32
2719-17522	00000/0000	2-10026/0399	01/10/77	30	26	3856N	12123W	20.8	145.1	GGGG			47	33
2719-17525	00000/0000	2-10026/0400	01/10/77	70	26	3730N	12152W	21.8	144.5	GGGG			47	34
2719-17531	00000/0000	2-10026/0401	01/10/77	70	26	3604N	12219W	22.8	143.9	GGGG			47	35
2719-17534	00000/0000	2-10026/0402	01/10/77	50	26	3438N	12246W	23.8	143.2	GGGF			47	36
2720-14290	00000/0000	2-10026/0403	01/11/77	30	38	4731N	06759W	14.7	148.8	GGGG			12	27
2720-14293	00000/0000	2-10026/0404	01/11/77	20	38	4605N	06834W	15.8	148.2	GGGG			12	28
2720-14295	00000/0000	2-10026/0405	01/11/77	20	38	4440N	06908W	16.8	147.5	GGGG			12	29
2720-14302	00000/0000	2-10026/0406	01/11/77	50	38	4314N	06941W	17.8	146.9	GGGG			12	30
2720-14304	00000/0000	2-10026/0407	01/11/77	40	38	4149N	07012W	18.9	146.3	GGGG			12	31
2720-14311	00000/0000	2-10026/0408	01/11/77	90	38	4023N	07042W	19.9	145.6	GGGG			12	32
2720-14313	00000/0000	2-10026/0409	01/11/77	90	38	3857N	07112W	20.9	145.0	GGGG			12	33
2720-14320	00000/0000	2-10026/0410	01/11/77	90	38	3731N	07140W	21.9	144.4	GGGG			12	34
2720-14322	00000/0000	2-10026/0411	01/11/77	90	38	3605N	07208W	22.9	143.7	GGGG			12	35
2720-16115	00000/0000	2-10026/0424	01/11/77	10	39	4855N	09310W	13.7	149.4	GGGG			30	26
2720-16122	00000/0000	2-10026/0425	01/11/77	20	39	4730N	09347W	14.8	148.8	GFGG			30	27
2720-16124	00000/0000	2-10026/0426	01/11/77	30	39	4605N	09423W	15.8	148.1	GGGG			30	28
2720-16131	00000/0000	2-10026/0427	01/11/77	20	39	4439N	09457W	16.8	147.5	GGGG			30	29
2720-16133	00000/0000	2-10026/0428	01/11/77	10	39	4314N	09529W	17.8	146.9	GGGG			30	30
2720-16140	00000/0000	2-10026/0429	01/11/77	50	39	4148N	09600W	18.9	146.3	GGGG			30	31
2720-16142	00000/0000	2-10026/0430	01/11/77	20	39	4023N	09630W	19.9	145.6	GGGG			30	32
2720-16145	00000/0000	2-10026/0431	01/11/77	10	39	3857N	09700W	20.9	145.0	GGGG			30	33
2720-16151	00000/0000	2-10026/0432	01/11/77	10	39	3731N	09728W	21.9	144.3	GGG			30	34
2720-16154	00000/0000	2-10026/0433	01/11/77	10	39	3605N	09755W	22.9	143.7	GGGG			30	35
2720-16160	00000/0000	2-10026/0434	01/11/77	10	39	3439N	09822W	23.9	143.0	GGGG			30	36
2720-16163	00000/0000	2-10026/0435	01/11/77	10	39	3313N	09848W	24.8	142.3	GGGF			30	37
2720-16165	00000/0000	2-10026/0436	01/11/77	50	39	3147N	09913W	25.8	141.7	GGGG			30	38
2720-16172	00000/0000	2-10026/0437	01/11/77	100	39	3020N	09938W	26.8	140.9	GGGG			30	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0115

OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2720-16174	00000/0000 2-10026/0438	01/11/77	100	39	2854N	10002W	27.7	140.2	GGGG			30	40
2720-16181	00000/0000 2-10026/0439	01/11/77	100	39	2728N	10026W	28.6	139.5	GGGG			30	41
2720-16183	00000/0000 2-10026/0440	01/11/77	80	39	2602N	10049W	29.6	138.7	GGGG			30	42
2720-17553	00000/0000 2-10026/0441	01/11/77	90	40	4730N	11938W	14.8	148.8	FGGF			48	27
2720-17560	00000/0000 2-10026/0442	01/11/77	90	40	4605N	12013W	15.8	148.1	GGGG			48	28
2720-17562	00000/0000 2-10026/0443	01/11/77	80	40	4440N	12047W	16.8	147.5	GGGG			48	29
2720-17565	00000/0000 2-10026/0444	01/11/77	80	40	4314N	12119W	17.9	146.9	GGGG			48	30
2720-17567	00000/0000 2-10026/0445	01/11/77	50	40	4148N	12151W	18.9	146.2	GGGG			48	31
2720-17571	00000/0000 2-10026/0446	01/11/77	50	40	4022N	12221W	19.9	145.6	GGGF			48	32
2720-17574	00000/0000 2-10026/0447	01/11/77	50	40	3857N	12250W	20.9	145.0	GGGG			48	33
2720-17580	00000/0000 2-10026/0448	01/11/77	60	40	3731N	12318W	21.9	144.3	GGGG			48	34
2720-17583	00000/0000 2-10026/0449	01/11/77	70	40	3605N	12345W	22.9	143.7	GFGG			48	35
2720-17585	00000/0000 2-10026/0450	01/11/77	40	42	5436N	16749W	9.5	152.1	GGGG			84	22
2720-21200	00000/0000 2-10026/0451	01/11/77	40	42	5311N	16834W	10.6	151.4	GGGG			84	23
2720-21202	00000/0000 2-10026/0452	01/11/77	20	42	5146N	16917W	11.6	150.7	GGGG			84	24
2720-21205	00000/0000 2-10026/0412	01/12/77	20	52	4731N	06923W	14.9	148.6	GGGG			13	27
2721-14344	00000/0000 2-10026/0413	01/12/77	50	52	4605N	06958W	15.9	148.0	GGFG			13	28
2721-14351	00000/0000 2-10026/0414	01/12/77	30	52	4440N	07032W	16.9	147.4	FFGG			13	29
2721-14353	00000/0000 2-10026/0415	01/12/77	20	52	4315N	07105W	17.9	146.7	GGGG			13	30
2721-14360	00000/0000 2-10026/0416	01/12/77	90	52	4149N	07137W	19.0	146.1	GGGG			13	31
2721-14362	00000/0000 2-10026/0417	01/12/77	90	52	4023N	07208W	20.0	145.5	GGGG			13	32
2721-14365	00000/0000 2-10026/0418	01/12/77	80	52	3857N	07237W	21.0	144.8	GGGG			13	33
2721-14371	00000/0000 2-10026/0419	01/12/77	70	52	3731N	07306W	22.0	144.2	GFGG			13	34
2721-14374	00000/0000 2-10026/0420	01/12/77	40	52	3605N	07333W	23.0	143.5	GFGG			13	35
2721-14380	00000/0000 2-10026/0421	01/12/77	40	52	3439N	07400W	23.9	142.9	GGGG			13	36
2721-14383	00000/0000 2-10026/0422	01/12/77	60	52	3313N	07426W	24.9	142.2	FGGG			13	37
2721-14385	00000/0000 2-10026/0423	01/12/77	80	52	3147N	07452W	25.9	141.5	GGGG			13	38
2721-14392	00000/0000 2-10026/0453	01/12/77	0	53	4855N	09439W	13.8	149.3	GGGG			31	26
2721-16173	00000/0000 2-10026/0454	01/12/77	0	53	4730N	09516W	14.9	148.6	GGGG			31	27
2721-16180	00000/0000 2-10026/0455	01/12/77	0	53	4605N	09550W	15.9	148.0	GGGG			31	28
2721-16182	00000/0000 2-10026/0456	01/12/77	10	53	4440N	09624W	16.9	147.4	GGGG			31	29
2721-16185	00000/0000 2-10026/0457	01/12/77	40	53	4314N	09656W	18.0	146.7	GGGF			31	30
2721-16191	00000/0000 2-10026/0458	01/12/77	20	53	4149N	09727W	19.0	146.1	GGGG			31	31
2721-16194	00000/0000 2-10026/0459	01/12/77	10	53	4023N	09757W	20.0	145.5	GGGG			31	32
2721-16200	00000/0000 2-10026/0460	01/12/77	10	53	3857N	09827W	21.0	144.8	GGGG			31	33
2721-16203	00000/0000 2-10026/0461	01/12/77	70	53	3731N	09855W	22.0	144.2	GGGG			31	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS AND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0416

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2721-16212	00000/0000	2-10026/0462	01/12/77	80	53	3605N	09923W	23.0	143.5	GGGG		31	35
2721-16214	00000/0000	2-10026/0463	01/12/77	100	53	3439N	09950W	24.0	142.8	GGGG		31	36
2721-16221	00000/0000	2-10026/0464	01/12/77	100	53	3313N	10016W	24.9	142.2	GGGG		31	37
2721-16223	00000/0000	2-10026/0465	01/12/77	100	53	3147N	10041W	25.9	141.5	GGGG		31	38
2721-16230	00000/0000	2-10026/0466	01/12/77	90	53	3021N	10106W	26.8	140.8	FGGG		31	39
2721-16232	00000/0000	2-10026/0467	01/12/77	90	53	2854N	10130W	27.8	140.0	GGGG		31	40
2721-16235	00000/0000	2-10026/0468	01/12/77	60	53	2728N	10154W	28.7	139.3	FGGG		31	41
2721-21254	00000/0000	2-10026/0515	01/12/77	50	56	5433N	16918W	9.7	151.9	GGGG		85	22
2721-21261	00000/0000	2-10026/0516	01/12/77	70	56	5308N	17003W	10.7	151.2	GGGG		85	23
2721-21263	00000/0000	2-10026/0517	01/12/77	90	56	5144N	17046W	11.8	150.5	FGGG		85	24
2722-14450	00000/0000	2-10026/0469	01/13/77	50	66	3147N	07618W	26.0	141.3	GGG		14	38
2722-14453	00000/0000	2-10026/0470	01/13/77	60	66	3020N	07643W	26.9	140.6	GGGG		14	39
2722-14455	00000/0000	2-10026/0471	01/13/77	20	66	2854N	07707W	27.9	139.8	GGGG		14	40
2722-14462	00000/0000	2-10026/0472	01/13/77	30	66	2728N	07731W	28.8	139.1	GGGG		14	41
2722-16232	00000/0000	2-10026/0491	01/13/77	40	67	4855N	09603W	14.0	149.1	FGGG		32	26
2722-16234	00000/0000	2-10026/0492	01/13/77	30	67	4730N	09640W	15.0	148.5	GGGG		32	27
2722-16241	00000/0000	2-10026/0493	01/13/77	80	67	4605N	09715W	16.0	147.8	GGGG		32	28
2722-16243	00000/0000	2-10026/0494	01/13/77	80	67	4440N	09749W	17.0	147.2	FGGG		32	29
2722-16250	00000/0000	2-10026/0495	01/13/77	50	67	4314N	09821W	18.1	146.5	GGGG		32	30
2722-16252	00000/0000	2-10026/0496	01/13/77	10	67	4149N	09852W	19.1	145.9	GGGG		32	31
2722-16255	00000/0000	2-10026/0497	01/13/77	10	67	4023N	09922W	20.1	145.3	GGGG		32	32
2722-16261	00000/0000	2-10026/0498	01/13/77	10	67	3857N	09951W	21.1	144.6	GGGG		32	33
2722-16264	00000/0000	2-10026/0499	01/13/77	10	67	3731N	10020W	22.1	144.0	GGGG		32	34
2722-16270	00000/0000	2-10026/0500	01/13/77	10	67	3605N	10047W	23.1	143.3	GGGG		32	35
2722-16273	00000/0000	2-10026/0501	01/13/77	10	67	3439N	10114W	24.0	142.6	PPPP		32	36
2722-16275	00000/0000	2-10026/0502	01/13/77	50	67	3313N	10140W	25.0	142.0	GGGG		32	37
2722-16282	00000/0000	2-10026/0503	01/13/77	90	67	3147N	10206W	26.0	141.3	GGGG		32	38
2722-16284	00000/0000	2-10026/0504	01/13/77	50	67	3020N	10231W	26.9	140.6	GGGG		32	39
2722-16291	00000/0000	2-10026/0505	01/13/77	70	67	2855N	10255W	27.9	139.8	GGGG		32	40
2722-16293	00000/0000	2-10026/0506	01/13/77	90	67	2728N	10319W	28.8	139.1	GGGG		32	41
2722-18063	00000/0000	2-10026/0507	01/13/77	90	68	4856N	12150W	14.0	149.1	GGGG		50	26
2722-18070	00000/0000	2-10026/0508	01/13/77	50	68	4731N	12227W	15.0	148.4	FGGG		50	27
2722-18072	00000/0000	2-10026/0509	01/13/77	40	68	4605N	12303W	16.0	147.8	FGGG		50	28
2722-18075	00000/0000	2-10026/0510	01/13/77	70	68	4440N	12337W	17.1	147.2	FGGG		50	29
2722-18081	00000/0000	2-10026/0511	01/13/77	90	68	4314N	12410W	18.1	146.5	GGGG		50	30
2722-18084	00000/0000	2-10026/0512	01/13/77	90	68	4149N	12441W	19.1	145.9	GGGG		50	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
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01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0417

OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO. IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LANG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2722-18090	00000/0000	2-10026/0513	01/13/77	80	68	4023N	12512W	20.1	145.3	FGGG			50	32
2722-18093	00000/0000	2-10026/0514	01/13/77	50	68	3856N	12541W	21.1	144.6	GFGF			50	33
2722-21312	00000/0000	2-10026/0580	01/13/77	60	70	5433N	17043W	9.8	151.8	GGGG			86	22
2722-21315	00000/0000	2-10026/0581	01/13/77	60	70	5308N	17128W	10.9	151.1	GGGG			86	23
2722-21321	00000/0000	2-10026/0582	01/13/77	60	70	5143N	17211W	11.9	150.4	GGGG			86	24
2723-14461	00000/0000	2-10026/0518	01/14/77	0	80	4730N	07218W	15.1	148.3	GGGG			15	27
2723-14463	00000/0000	2-10026/0519	01/14/77	10	80	4605N	07253W	16.1	147.7	GGGG			15	28
2723-14470	00000/0000	2-10026/0520	01/14/77	90	80	4440N	07327W	17.2	147.0	GGGG			15	29
2723-14472	00000/0000	2-10026/0521	01/14/77	100	80	4314N	07359W	18.2	146.4	GGGG			15	30
2723-14475	00000/0000	2-10026/0522	01/14/77	100	80	4149N	07430W	19.2	145.8	GGGG			15	31
2723-14481	00000/0000	2-10026/0523	01/14/77	100	80	4023N	07500W	20.2	145.1	GGGG			15	32
2723-14484	00000/0000	2-10026/0524	01/14/77	90	80	3857N	07530W	21.2	144.5	GGGG			15	33
2723-14490	00000/0000	2-10026/0525	01/14/77	90	80	3731N	07558W	22.2	143.8	GGGG			15	34
2723-14493	00000/0000	2-10026/0526	01/14/77	100	80	3605N	07625W	23.2	143.1	GGGG			15	35
2723-14495	00000/0000	2-10026/0527	01/14/77	90	80	3440N	07651W	24.1	142.5	FFFF			15	36
2723-14502	00000/0000	2-10026/0528	01/14/77	90	80	3313N	07717W	25.1	141.8	FFFF			15	37
2723-14504	00000/0000	2-10026/0529	01/14/77	90	80	3147N	07743W	26.1	141.1	GGGG			15	38
2723-14511	00000/0000	2-10026/0530	01/14/77	90	80	3021N	07807W	27.0	140.4	GGGG			15	39
2723-14513	2-10026/0877	2-10026/0533	01/14/77	60	80	2855N	07832W	27.9	139.6	GFGG	GG	H	15	40
2723-14520	2-10026/0878	2-10026/0531	01/14/77	40	80	2728N	07855W	28.9	138.9	GGG	GGGG	H	15	41
2723-14522	2-10026/0879	2-10026/0532	01/14/77	50	80	2602N	07919W	29.8	138.1	GGG	GGGG	H	15	42
2723-16292	00000/0000	2-10026/0534	01/14/77	90	81	4730N	09808W	15.1	148.3	GGFF			33	27
2723-16295	00000/0000	2-10026/0535	01/14/77	90	81	4605N	09843W	16.1	147.7	GGGG			33	28
2723-16301	00000/0000	2-10026/0536	01/14/77	70	81	4440N	09916W	17.2	147.0	GGGG			33	29
2723-16304	00000/0000	2-10026/0537	01/14/77	20	81	4314N	09948W	18.2	146.4	GGGG			33	30
2723-16310	00000/0000	2-10026/0538	01/14/77	20	81	4148N	10019W	19.2	145.7	GGGG			33	31
2723-16313	00000/0000	2-10026/0539	01/14/77	0	81	4023N	10049W	20.2	145.1	GGGG			33	32
2723-16315	00000/0000	2-10026/0540	01/14/77	0	81	3857N	10118W	21.2	144.4	GGGG			33	33
2723-16322	00000/0000	2-10026/0541	01/14/77	40	81	3731N	10147W	22.2	143.8	GGGG			33	34
2723-16324	00000/0000	2-10026/0542	01/14/77	20	81	3605N	10214W	23.2	143.1	GFGG			33	35
2723-16331	00000/0000	2-10026/0543	01/14/77	60	81	3439N	10241W	24.1	142.5	GGGG			33	36
2723-16333	00000/0000	2-10026/0544	01/14/77	20	81	3313N	10307W	25.1	141.8	GGGG			33	37
2723-16340	00000/0000	2-10026/0545	01/14/77	10	81	3146N	10332W	26.1	141.1	GGGG			33	38
2723-16342	00000/0000	2-10026/0546	01/14/77	40	81	3020N	10357W	27.0	140.3	GGGG			33	39
2723-16345	00000/0000	2-10026/0547	01/14/77	10	81	2854N	10421W	27.9	139.6	GFGG			33	40
2723-16351	00000/0000	2-10026/0548	01/14/77	0	81	2727N	10445W	28.9	138.9	GGGG			33	41

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0418

OBSERVATION ID	MICROFILM POSITION IN REEL RBV	REEL NR./ MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT LANG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SUN ORBIT PATH NUMBER	FRAME ROW NUMBER
2723-18124	00000/0000	2-10026/0549	01/14/77	90	82	4730N 12355W	15.1	148.3	GGGG			51	27
2723-18130	00000/0000	2-10026/0550	01/14/77	90	82	4604N 12430W	16.2	147.6	GGGG			51	28
2723-18133	00000/0000	2-10026/0551	01/14/77	90	82	4439N 12504W	17.2	147.0	GGGG			51	29
2723-21371	00000/0000	2-10026/0473	01/14/77	50	84	5432N 17210W	10.0	151.6	GGGG			87	22
2723-21373	00000/0000	2-10026/0474	01/14/77	60	84	5308N 17255W	11.0	150.9	GGGG			87	23
2723-21380	00000/0000	2-10026/0475	01/14/77	70	84	5144N 17338W	12.1	150.2	GGGG			87	24
2724-14515	00000/0000	2-10026/0476	01/15/77	20	94	4729N 07344W	15.2	148.1	GGGG			16	27
2724-14521	00000/0000	2-10026/0477	01/15/77	20	94	4604N 07419W	16.3	147.5	GGGG			16	28
2724-14524	00000/0000	2-10026/0478	01/15/77	20	94	4438N 07453W	17.3	146.9	GGGG			16	29
2724-14530	00000/0000	2-10026/0479	01/15/77	40	94	4313N 07525W	18.3	146.2	GGGG			16	30
2724-14533	00000/0000	2-10026/0480	01/15/77	40	94	4148N 07556W	19.3	145.6	GGGG			16	31
2724-14535	00000/0000	2-10026/0481	01/15/77	40	94	4023N 07626W	20.3	144.9	GGGG			16	32
2724-14542	00000/0000	2-10026/0482	01/15/77	10	94	3857N 07655W	21.3	144.3	GGGG			16	33
2724-14544	00000/0000	2-10026/0483	01/15/77	20	94	3731N 07723W	22.3	143.6	GGGG			16	34
2724-14551	00000/0000	2-10026/0484	01/15/77	90	94	3605N 07751W	23.3	143.0	GGGG			16	35
2724-14553	00000/0000	2-10026/0485	01/15/77	90	94	3439N 07818W	24.2	142.3	GGGG			16	36
2724-14560	00000/0000	2-10026/0486	01/15/77	70	94	3313N 07844W	25.2	141.6	GGGG			16	37
2724-14562	00000/0000	2-10026/0487	01/15/77	60	94	3147N 07909W	26.2	140.9	GGGG			16	38
2724-14565	00000/0000	2-10026/0488	01/15/77	70	94	3021N 07934W	27.1	140.2	GGGG			16	39
2724-14571	00000/0000	2-10026/0489	01/15/77	70	94	2854N 07959W	28.0	139.4	GGGG			16	40
2724-14574	00000/0000	2-10026/0490	01/15/77	80	94	2727N 08023W	28.9	138.7	GGGG			16	41
2724-16353	00000/0000	2-10026/0564	01/15/77	20	95	4605N 10009W	16.3	147.5	GGGG			34	28
2724-16360	00000/0000	2-10026/0565	01/15/77	10	95	4439N 10042W	17.3	146.8	GGGG			34	29
2724-16362	00000/0000	2-10026/0566	01/15/77	10	95	4314N 10115W	18.3	146.2	GGGG			34	30
2724-16365	00000/0000	2-10026/0567	01/15/77	60	95	4148N 10146W	19.3	145.6	GGGG			34	31
2724-16371	00000/0000	2-10026/0568	01/15/77	70	95	4022N 10216W	20.3	144.9	GGGG			34	32
2724-16374	00000/0000	2-10026/0569	01/15/77	80	95	3856N 10245W	21.3	144.3	GGGG			34	33
2724-16380	00000/0000	2-10026/0570	01/15/77	20	95	3730N 10313W	22.3	143.6	GGGG			34	34
2724-16383	00000/0000	2-10026/0571	01/15/77	10	95	3604N 10340W	23.3	142.9	GGGG			34	35
2724-16385	00000/0000	2-10026/0572	01/15/77	0	95	3438N 10406W	24.3	142.3	GGGG			34	36
2724-16392	00000/0000	2-10026/0573	01/15/77	0	95	3313N 10432W	25.2	141.6	GGGG			34	37
2724-16394	00000/0000	2-10026/0574	01/15/77	0	95	3147N 10458W	26.2	140.9	GGGG			34	38
2724-16401	00000/0000	2-10026/0575	01/15/77	0	95	3021N 10523W	27.1	140.1	GGGG			34	39
2724-16403	00000/0000	2-10026/0576	01/15/77	0	95	2854N 10547W	28.0	139.4	GGGG			34	40
2724-18180	00000/0000	2-10026/0577	01/15/77	80	96	4855N 12445W	14.2	148.8	GGGG			52	26
2724-18182	00000/0000	2-10026/0578	01/15/77	80	96	4729N 12523W	15.3	148.1	GGGG			52	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0419

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	QUAL MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2724-18185	00000/0000	2-10026/0579	01/15/77	70	96	4604N	12558W	16.3	147.5	GGGG				52	28
2724-21425	00000/0000	2-10026/0583	01/15/77	40	98	5432N	17337W	10.1	151.5	GGGG				88	22
2724-21431	00000/0000	2-10026/0584	01/15/77	30	98	5307N	17422W	11.2	150.8	GGGG				88	23
2724-21434	00000/0000	2-10026/0585	01/15/77	60	98	5143N	17505W	12.2	150.1	GGGG				88	24
2725-14582	00000/0000	2-10026/0552	01/16/77	40	108	4438N	07618W	17.4	146.7	GGGG				17	29
2725-14585	00000/0000	2-10026/0553	01/16/77	40	108	4313N	07651W	18.4	146.0	GGGG				17	30
2725-14591	00000/0000	2-10026/0554	01/16/77	70	108	4148N	07722W	19.4	145.4	GGGG				17	31
2725-14594	00000/0000	2-10026/0555	01/16/77	50	108	4022N	07752W	20.4	144.7	GGGG				17	32
2725-15000	00000/0000	2-10026/0556	01/16/77	80	108	3856N	07821W	21.4	144.1	GGGG				17	33
2725-15003	00000/0000	2-10026/0557	01/16/77	70	108	3730N	07849W	22.4	143.4	GGGG				17	34
2725-15005	00000/0000	2-10026/0558	01/16/77	50	108	3605N	07917W	23.4	142.8	GGGG				17	35
2725-15012	00000/0000	2-10026/0559	01/16/77	10	108	3439N	07943W	24.4	142.1	GGGG				17	36
2725-15014	00000/0000	2-10026/0560	01/16/77	10	108	3312N	08009W	25.3	141.4	GGGG				17	37
2725-15021	00000/0000	2-10026/0561	01/16/77	10	108	3146N	08035W	26.3	140.7	GGGG				17	38
2725-15023	00000/0000	2-10026/0562	01/16/77	10	108	3020N	08100W	27.2	139.9	GGGG				17	39
2725-15030	00000/0000	2-10026/0563	01/16/77	20	108	2854N	08124W	28.1	139.2	GGGG				17	40
2725-16402	00000/0000	2-10026/0588	01/16/77	10	109	4854N	10023W	14.4	148.6	GGGG				35	26
2725-16405	00000/0000	2-10026/0589	01/16/77	10	109	4729N	10059W	15.4	148.0	GGGG				35	27
2725-16420	00000/0000	2-10026/0590	01/16/77	80	109	4313N	10240W	18.5	146.0	GGGG				35	30
2725-16423	00000/0000	2-10026/0591	01/16/77	80	109	4148N	10311W	19.5	145.4	GGGG				35	31
2725-16425	00000/0000	2-10026/0592	01/16/77	60	109	4021N	10341W	20.5	144.7	GGGG				35	32
2725-16432	00000/0000	2-10026/0593	01/16/77	20	109	3856N	10410W	21.4	144.1	GGGG				35	33
2725-16434	00000/0000	2-10026/0594	01/16/77	10	109	3729N	10438W	22.4	143.4	GGGG				35	34
2725-16441	00000/0000	2-10026/0595	01/16/77	20	109	3603N	10506W	23.4	142.7	GGGG				35	35
2725-16443	00000/0000	2-10026/0596	01/16/77	10	109	3437N	10532W	24.4	142.1	GGGG				35	36
2725-16450	00000/0000	2-10026/0597	01/16/77	10	109	3311N	10558W	25.3	141.4	GGGG				35	37
2725-16452	00000/0000	2-10026/0598	01/16/77	10	109	3145N	10624W	26.3	140.7	GGGG				35	38
2725-16455	00000/0000	2-10026/0599	01/16/77	10	109	3019N	10648W	27.2	139.9	GGGG				35	39
2725-21490	00000/0000	2-10026/0586	01/16/77	80	112	5307N	17548W	11.3	150.6	GGGG				89	23
2725-21492	00000/0000	2-10026/0587	01/16/77	80	112	5143N	17630W	12.4	149.9	GGGG				89	24
2726-15043	00000/0000	2-10026/0600	01/17/77	60	122	4313N	07817W	18.6	145.9	GGGG				18	30
2726-15045	00000/0000	2-10026/0601	01/17/77	20	122	4148N	07848W	19.6	145.2	GGGG				18	31
2726-15052	00000/0000	2-10026/0602	01/17/77	10	122	4022N	07918W	20.6	144.6	GGGG				18	32
2726-15054	00000/0000	2-10026/0603	01/17/77	10	122	3856N	07947W	21.6	143.9	GGGG				18	33
2726-15061	00000/0000	2-10026/0604	01/17/77	0	122	3731N	08015W	22.5	143.2	GGGG				18	34
2726-15063	00000/0000	2-10026/0605	01/17/77	0	122	3605N	08043W	23.5	142.6	GGGG				18	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0420

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	PRINCIPAL OF IMAGE LAT	PRINT LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2726-15070	00000/0000	2-10026/0606	01/17/77	0	122	3438N	08110W	24.5	141.9	GGGG			18	36
2726-15072	00000/0000	2-10026/0607	01/17/77	0	122	3312N	08136W	25.4	141.2	GGGG			18	37
2726-15075	00000/0000	2-10026/0608	01/17/77	0	122	3146N	08202W	26.4	140.5	GGGG			18	38
2726-15081	00000/0000	2-10026/0609	01/17/77	30	122	3020N	08226W	27.3	139.7	GGGG			18	39
2726-15084	00000/0000	2-10026/0610	01/17/77	10	122	2854N	08251W	28.2	139.0	GGGG			18	40
2726-16460	00000/0000	2-10026/0739	01/17/77	0	123	4854N	10149W	14.5	148.5	GGGG			36	26
2726-16463	00000/0000	2-10026/0740	01/17/77	10	123	4729N	10226W	15.6	147.8	GGGG			36	27
2726-16465	00000/0000	2-10026/0741	01/17/77	60	123	4604N	10301W	16.6	147.1	GGFF			36	28
2726-16472	00000/0000	2-10026/0742	01/17/77	90	123	4438N	10335W	17.6	146.5	GGGG			36	29
2726-16474	00000/0000	2-10026/0743	01/17/77	90	123	4313N	10407W	18.6	145.8	GGGF			36	30
2726-16481	00000/0000	2-10026/0744	01/17/77	90	123	4147N	10438W	19.6	145.2	GGGG			36	31
2726-16483	00000/0000	2-10026/0745	01/17/77	70	123	4022N	10508W	20.6	144.5	GGGG			36	32
2726-16490	00000/0000	2-10026/0746	01/17/77	30	123	3855N	10537W	21.6	143.9	GGGG			36	33
2726-16492	00000/0000	2-10026/0747	01/17/77	10	123	3730N	10605W	22.6	143.2	GGGG			36	34
2726-16495	00000/0000	2-10026/0748	01/17/77	0	123	3603N	10633W	23.5	142.5	GGGG			36	35
2726-16501	00000/0000	2-10026/0749	01/17/77	0	123	3437N	10659W	24.5	141.9	GGGG			36	36
2726-16504	00000/0000	2-10026/0750	01/17/77	40	123	3311N	10726W	25.4	141.2	GGGG			36	37
2726-16510	00000/0000	2-10026/0751	01/17/77	10	123	3145N	10751W	26.4	140.4	GGGG			36	38
2726-16513	00000/0000	2-10026/0752	01/17/77	0	123	3018N	10816W	27.3	139.7	GGGG			36	39
2726-16515	00000/0000	2-10026/0753	01/17/77	10	123	2852N	10840W	28.2	139.0	GGGG			36	40
2726-21544	00000/0000	2-10026/0637	01/17/77	60	126	5310N	17712W	11.5	150.5	GGGG			90	23
2726-21550	00000/0000	2-10026/0638	01/17/77	60	126	5145N	17756W	12.5	149.8	GGGG			90	24
2727-15083	00000/0000	2-10026/0623	01/18/77	90	136	4854N	07725W	14.7	148.3	GGGG			19	26
2727-15090	00000/0000	2-10026/0624	01/18/77	90	136	4729N	07801W	15.7	147.6	GGFF			19	27
2727-15092	00000/0000	2-10026/0625	01/18/77	50	136	4604N	07835W	16.7	147.0	GGGG			19	28
2727-15095	00000/0000	2-10026/0626	01/18/77	30	136	4438N	07909W	17.7	146.3	GGGG			19	29
2727-15101	00000/0000	2-10026/0627	01/18/77	10	136	4312N	07942W	18.7	145.7	GGGG			19	30
2727-15104	00000/0000	2-10026/0628	01/18/77	10	136	4147N	08013W	19.7	145.0	GGGG			19	31
2727-15110	00000/0000	2-10026/0629	01/18/77	10	136	4021N	08043W	20.7	144.4	GGGG			19	32
2727-15113	00000/0000	2-10026/0630	01/18/77	40	136	3856N	08112W	21.7	143.7	GGGG			19	33
2727-15115	00000/0000	2-10026/0631	01/18/77	10	136	3730N	08140W	22.7	143.0	GGGG			19	34
2727-15122	00000/0000	2-10026/0632	01/18/77	30	136	3604N	08207W	23.7	142.4	GGFF			19	35
2727-15124	00000/0000	2-10026/0633	01/18/77	10	136	3438N	08234W	24.6	141.7	GGGG			19	36
2727-15131	00000/0000	2-10026/0634	01/18/77	90	136	3312N	08301W	25.6	141.0	GGGG			19	37
2727-15133	00000/0000	2-10026/0635	01/18/77	80	136	3146N	08326W	26.5	140.2	GGGG			19	38
2727-15140	00000/0000	2-10026/0636	01/18/77	40	136	3020N	08351W	27.4	139.5	GGGG			19	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0421

OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV.	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2727-16515	00000/0000 2-10026/0639	01/18/77	90	137	4854N	10312W	14.7	148.3	GGGG			37	26
2727-16521	00000/0000 2-10026/0640	01/18/77	80	137	4729N	10350W	15.7	147.6	GGGG			37	27
2727-16524	00000/0000 2-10026/0641	01/18/77	90	137	4603N	10425W	16.7	147.0	GGGG			37	28
2727-16530	00000/0000 2-10026/0642	01/18/77	90	137	4438N	10459W	17.7	146.3	GGGG			37	29
2727-16533	00000/0000 2-10026/0643	01/18/77	90	137	4313N	10531W	18.7	145.7	GGGG			37	30
2727-16535	00000/0000 2-10026/0644	01/18/77	90	137	4147N	10602W	19.7	145.0	GGG			37	31
2727-16542	00000/0000 2-10026/0645	01/18/77	40	137	4022N	10633W	20.7	144.4	GGGG			37	32
2727-16544	00000/0000 2-10026/0646	01/18/77	10	137	3856N	10702W	21.7	143.7	GGGG			37	33
2727-16551	00000/0000 2-10026/0647	01/18/77	0	137	3730N	10730W	22.7	143.0	GGGG			37	34
2727-16553	00000/0000 2-10026/0648	01/18/77	0	137	3604N	10758W	23.7	142.3	GGGG			37	35
2727-16560	00000/0000 2-10026/0649	01/18/77	0	137	3438N	10825W	24.6	141.7	GGGG			37	36
2727-16562	00000/0000 2-10026/0650	01/18/77	10	137	3312N	10852W	25.6	140.9	GGGG			37	37
2727-16565	00000/0000 2-10026/0651	01/18/77	30	137	3146N	10917W	26.5	140.2	GGGG			37	38
2727-16571	00000/0000 2-10026/0652	01/18/77	10	137	3019N	10942W	27.4	139.5	GGGG			37	39
2727-22004	00000/0000 2-10026/0711	01/18/77	90	140	5145N	17921W	12.7	149.6	GGGG			91	24
2728-15141	00000/0000 2-10026/0611	01/19/77	60	150	4853N	07852W	14.9	148.1	GGGG			20	26
2728-15144	00000/0000 2-10026/0612	01/19/77	30	150	4728N	07929W	15.9	147.5	GGFG			20	27
2728-15150	00000/0000 2-10026/0613	01/19/77	30	150	4603N	08004W	16.9	146.8	GGGG			20	28
2728-15153	00000/0000 2-10026/0614	01/19/77	40	150	4438N	08038W	17.9	146.2	GGGG			20	29
2728-15155	00000/0000 2-10026/0615	01/19/77	80	150	4313N	08109W	18.9	145.5	GGGG			20	30
2728-15162	00000/0000 2-10026/0616	01/19/77	90	150	4147N	08140W	19.9	144.8	GGGG			20	31
2728-15164	00000/0000 2-10026/0617	01/19/77	80	150	4022N	08210W	20.9	144.2	GGGG			20	32
2728-15171	00000/0000 2-10026/0618	01/19/77	80	150	3856N	08239W	21.9	143.5	GGG			20	33
2728-15173	00000/0000 2-10026/0619	01/19/77	80	150	3730N	08308W	22.8	142.8	GGG			20	34
2728-15180	00000/0000 2-10026/0620	01/19/77	60	150	3604N	08336W	23.8	142.2	GGGG			20	35
2728-15182	00000/0000 2-10026/0621	01/19/77	10	150	3438N	08403W	24.7	141.5	PFGG			20	36
2728-15200	00000/0000 2-10026/0622	01/19/77	80	150	2853N	08544W	28.5	138.5	GGGG			20	40
2728-16573	00000/0000 2-10026/0653	01/19/77	0	151	4854N	10439W	14.9	148.1	GGGG			38	26
2728-16575	00000/0000 2-10026/0654	01/19/77	0	151	4729N	10516W	15.9	147.5	GGGG			38	27
2728-16582	00000/0000 2-10026/0655	01/19/77	0	151	4603N	10552W	16.9	146.8	GGGG			38	28
2728-16591	00000/0000 2-10026/0656	01/19/77	10	151	4313N	10658W	18.9	145.5	GFGG			38	30
2728-16593	00000/0000 2-10026/0657	01/19/77	10	151	4147N	10730W	19.9	144.8	FFGG			38	31
2728-17000	00000/0000 2-10026/0658	01/19/77	10	151	4021N	10800W	20.9	144.2	GGGG			38	32
2728-17002	00000/0000 2-10026/0659	01/19/77	0	151	3855N	10829W	21.9	143.5	GGGG			38	33
2728-17005	00000/0000 2-10026/0660	01/19/77	10	151	3729N	10856W	22.8	142.8	GGGG			38	34
2728-17011	00000/0000 2-10026/0661	01/19/77	10	151	3602N	10923W	23.8	142.1	GGGF			38	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0422

OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER NUMBER	SUN ORBIT	PRINCIPAL PRINT OF IMAGE LAT	PRINCIPAL PRINT OF IMAGE LONG	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2728-17014	00000/0000	2-10026/0662	01/19/77	30	151	3436N	10950W	24.8	141.4	GGGG			38	36
2728-17020	00000/0000	2-10026/0663	01/19/77	10	151	3311N	11017W	25.7	140.7	GGGG			38	37
2728-17023	00000/0000	2-10026/0664	01/19/77	0	151	3145N	11042W	26.6	140.0	GGGG			38	38
2728-17025	00000/0000	2-10026/0665	01/19/77	10	151	3019N	11107W	27.6	139.3	GGGG			38	39
2729-15135	00000/0000	2-10026/0697	01/20/77	20	164	4853N	08017W	15.0	148.0	GGGG			21	26
2729-15202	00000/0000	2-10026/0698	01/20/77	30	164	4728N	08053W	16.0	147.3	GGGG			21	27
2729-15204	00000/0000	2-10026/0699	01/20/77	20	164	4603N	08129W	17.1	146.6	GGGG			21	28
2729-15211	00000/0000	2-10026/0700	01/20/77	80	164	4438N	08203W	18.1	146.0	GGGG			21	29
2729-15213	00000/0000	2-10026/0701	01/20/77	40	164	4312N	08236W	19.1	145.3	GGGG			21	30
2729-15220	00000/0000	2-10026/0702	01/20/77	10	164	4147N	08307W	20.0	144.7	GGGG			21	31
2729-15222	00000/0000	2-10026/0703	01/20/77	20	164	4021N	08338W	21.0	144.0	GGGG			21	32
2729-15225	00000/0000	2-10026/0704	01/20/77	50	164	3855N	08407W	22.0	143.3	GGGG			21	33
2729-15231	00000/0000	2-10026/0705	01/20/77	90	164	3729N	08435W	23.0	142.6	GGGG			21	34
2729-15234	00000/0000	2-10026/0706	01/20/77	90	164	3604N	08502W	23.9	142.0	GGGG			21	35
2729-15240	00000/0000	2-10026/0707	01/20/77	70	164	3438N	08529W	24.9	141.3	GGGG			21	36
2729-15243	00000/0000	2-10026/0708	01/20/77	30	164	3312N	08555W	25.8	140.5	GGGG			21	37
2729-15245	00000/0000	2-10026/0709	01/20/77	0	164	3146N	08620W	26.8	139.8	GGGG			21	38
2729-15252	00000/0000	2-10026/0710	01/20/77	20	164	3019N	08645W	27.7	139.1	GGGG			21	39
2729-17031	00000/0000	2-10026/0666	01/20/77	70	165	4853N	10607W	15.0	148.0	GGGG			39	26
2729-17034	00000/0000	2-10026/0667	01/20/77	10	165	4728N	10644W	16.1	147.3	GGGG			39	27
2729-17040	00000/0000	2-10026/0668	01/20/77	0	165	4603N	10719W	17.1	146.6	GGGG			39	28
2729-17043	00000/0000	2-10026/0669	01/20/77	0	165	4437N	10753W	18.1	146.0	GGGG			39	29
2729-17045	00000/0000	2-10026/0670	01/20/77	0	165	4312N	10825W	19.1	145.3	GGGG			39	30
2729-17052	00000/0000	2-10026/0671	01/20/77	10	165	4146N	10856W	20.1	144.6	GGGG			39	31
2729-17054	00000/0000	2-10026/0672	01/20/77	0	165	4021N	10926W	21.0	144.0	GGGG			39	32
2729-17061	00000/0000	2-10026/0673	01/20/77	0	165	3855N	10955W	22.0	143.3	GGGG			39	33
2729-17063	00000/0000	2-10026/0674	01/20/77	40	165	3729N	11024W	23.0	142.6	GGGG			39	34
2729-17070	00000/0000	2-10026/0675	01/20/77	50	165	3604N	11051W	23.9	141.9	GGGG			39	35
2729-17072	00000/0000	2-10026/0676	01/20/77	40	165	3437N	11118W	24.9	141.2	GGGG			39	36
2729-17075	00000/0000	2-10026/0677	01/20/77	30	165	3311N	11143W	25.8	140.5	GGGG			39	37
2729-17081	00000/0000	2-10026/0678	01/20/77	60	165	3145N	11209W	26.8	139.8	GGGG			39	38
2729-17084	00000/0000	2-10026/0679	01/20/77	70	165	3019N	11233W	27.7	139.0	GGGG			39	39
2729-22114	00000/0000	2-10026/0696	01/20/77	40	168	5308N	17828E	12.0	150.0	GGGG			93	23
2730-15254	00000/0000	2-10026/0725	01/21/77	20	178	4853N	08143W	15.2	147.8	GGGG			22	26
2730-15260	00000/0000	2-10026/0726	01/21/77	10	178	4728N	08221W	16.2	147.1	GGGG			22	27
2730-15263	00000/0000	2-10026/0727	01/21/77	10	178	4602N	08256W	17.2	146.5	GGGG			22	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0423

OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL POINT OF IMAGE LAT	PRINCIPAL POINT OF IMAGE LONG	SUN FLEV.	SUN AZIM.	IMAGE QUAL RBV	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUMBER	FRAME ROW NUMBER
2730-15265	00000/0000	2-10026/0728	01/21/77	40	178	4437N	08330W	18.2	145.8	GGGG		22	29
2730-15272	00000/0000	2-10026/0729	01/21/77	10	178	4312N	08402W	19.2	145.1	GGGG		22	30
2730-15274	00000/0000	2-10026/0730	01/21/77	20	178	4147N	08433W	20.2	144.5	GGGG		22	31
2730-15281	00000/0000	2-10026/0731	01/21/77	50	178	4021N	08502W	21.2	143.8	GGGG		22	32
2730-15283	00000/0000	2-10026/0732	01/21/77	30	178	3855N	08532W	22.2	143.1	GGGG		22	33
2730-15290	00000/0000	2-10026/0733	01/21/77	40	178	3729N	08600W	23.1	142.4	GGGG		22	34
2730-15292	00000/0000	2-10026/0734	01/21/77	10	178	3603N	08627W	24.1	141.7	GGGG		22	35
2730-15295	00000/0000	2-10026/0735	01/21/77	10	178	3437N	08654W	25.0	141.0	GGGG		22	36
2730-15301	00000/0000	2-10026/0736	01/21/77	0	178	3311N	08720W	26.0	140.3	GGGG		22	37
2730-15304	00000/0000	2-10026/0737	01/21/77	0	178	3145N	08746W	26.9	139.6	GGGG		22	38
2730-15310	00000/0000	2-10026/0738	01/21/77	0	178	3019N	08810W	27.8	138.8	GGGG		22	39
2730-17085	00000/0000	2-10026/0680	01/21/77	20	179	4852N	10735W	15.2	147.8	GGGG		40	26
2730-17092	00000/0000	2-10026/0681	01/21/77	10	179	4728N	10811W	16.2	147.1	GGGG		40	27
2730-17094	00000/0000	2-10026/0682	01/21/77	20	179	4603N	10846W	17.2	146.5	GGGG		40	28
2730-17101	00000/0000	2-10026/0683	01/21/77	30	179	4437N	10920W	18.2	145.8	GGGG		40	29
2730-17103	00000/0000	2-10026/0684	01/21/77	50	179	4312N	10952W	19.2	145.1	GGGG		40	30
2730-17110	00000/0000	2-10026/0685	01/21/77	50	179	4147N	11023W	20.2	144.5	GGGG		40	31
2730-17112	00000/0000	2-10026/0686	01/21/77	20	179	4021N	11053W	21.2	143.8	GGGG		40	32
2730-17115	00000/0000	2-10026/0687	01/21/77	30	179	3855N	11122W	22.2	143.1	GGGG		40	33
2730-17121	00000/0000	2-10026/0688	01/21/77	70	179	3729N	11150W	23.1	142.4	GGGG		40	34
2730-17124	00000/0000	2-10026/0689	01/21/77	90	179	3604N	11218W	24.1	141.7	GGGG		40	35
2730-17130	00000/0000	2-10026/0690	01/21/77	90	179	3438N	11244W	25.0	141.0	GGGG		40	36
2730-17133	00000/0000	2-10026/0691	01/21/77	90	179	3312N	11310W	26.0	140.3	GGGG		40	37
2730-17135	00000/0000	2-10026/0692	01/21/77	40	179	3146N	11336W	26.9	139.6	GGGG		40	38
2730-17142	00000/0000	2-10026/0693	01/21/77	20	179	3020N	11401W	27.8	138.8	GGGG		40	39
2730-18500	00000/0000	2-10026/0694	01/21/77	80	180	5555N	12945W	10.1	151.4	GGGG		58	21
2730-18503	00000/0000	2-10026/0695	01/21/77	80	180	5431N	13034W	11.2	150.6	GGGG		58	22
2731-15312	00000/0000	2-10026/0712	01/22/77	0	192	4853N	08311W	15.4	147.7	GGGG		23	26
2731-15314	00000/0000	2-10026/0713	01/22/77	0	192	4728N	08348W	16.4	147.0	GGGG		23	27
2731-15321	00000/0000	2-10026/0714	01/22/77	10	192	4602N	08423W	17.4	146.3	GGGG		23	28
2731-15323	00000/0000	2-10026/0715	01/22/77	10	192	4437N	08457W	18.4	145.6	GGGG		23	29
2731-15330	00000/0000	2-10026/0716	01/22/77	10	192	4312N	08529W	19.4	145.0	GGGG		23	30
2731-15332	00000/0000	2-10026/0717	01/22/77	10	192	4146N	08601W	20.4	144.3	GGGG		23	31
2731-15335	00000/0000	2-10026/0718	01/22/77	10	192	4021N	08631W	21.4	143.6	GGGG		23	32
2731-15341	00000/0000	2-10026/0719	01/22/77	0	192	3855N	08700W	22.3	142.9	GGGG		23	33
2731-15344	00000/0000	2-10026/0720	01/22/77	0	192	3729N	08728W	23.3	142.2	GGGG		23	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
OBSERVATION ID LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0424

OBSERVATION ID	MICROFILM REEL NO. POSITION IN REEL RBV MSS	DATE ACQUIRED	CLOUD COVER	SUN ORBIT NUMBER	PRINCIPAL PRINT OF IMAGE LAT LONG	SUN ELEV. AZIM.	IMAGE-QUAL RBV MSS DATA 123 45678 MODE	MSS IMAGE GAIN	SUN PATH NUMBER	FRAME ROW NUMBER
2731-15350	00000/0000 2-10026/0721	01/22/77	0	192	3603N 08756W	24.2 141.5	GGGG		23	35
2731-15353	00000/0000 2-10026/0722	01/22/77	10	192	3437N 08822W	25.2 140.8	GGGG		23	36
2731-15355	00000/0000 2-10026/0723	01/22/77	10	192	3312N 08848W	26.1 140.1	GGGG		23	37
2731-15362	00000/0000 2-10026/0724	01/22/77	20	192	3146N 08913W	27.0 139.4	GGGG		23	38
2731-17143	00000/0000 2-10026/0754	01/22/77	0	193	4854N 10858W	15.4 147.6	GGGG		41	26
2731-17150	00000/0000 2-10026/0755	01/22/77	0	193	4729N 10935W	16.4 147.0	GGGG		41	27
2731-17152	00000/0000 2-10026/0756	01/22/77	0	193	4604N 11009W	17.4 146.3	GGGG		41	28
2731-17155	00000/0000 2-10026/0757	01/22/77	10	193	4439N 11043W	18.4 145.6	GGGG		41	29
2731-17161	00000/0000 2-10026/0758	01/22/77	70	193	4313N 11116W	19.4 145.0	GGGG		41	30
2731-17164	00000/0000 2-10026/0759	01/22/77	100	193	4147N 11148W	20.4 144.3	GGGG		41	31
2731-17170	00000/0000 2-10026/0760	01/22/77	100	193	4022N 11218W	21.4 143.6	GGGG		41	32
2731-17173	00000/0000 2-10026/0761	01/22/77	100	193	3856N 11248W	22.3 142.9	GGGG		41	33
2731-17175	00000/0000 2-10026/0762	01/22/77	90	193	3730N 11317W	23.3 142.2	GGGG		41	34
2731-17182	00000/0000 2-10026/0763	01/22/77	80	193	3604N 11344W	24.3 141.5	GGGG		41	35
2731-17184	00000/0000 2-10026/0764	01/22/77	80	193	3438N 11411W	25.2 140.8	GGGG		41	36
2731-17191	00000/0000 2-10026/0765	01/22/77	50	193	3312N 11437W	26.1 140.1	GGGG		41	37
2731-17193	00000/0000 2-10026/0766	01/22/77	20	193	3145N 11502W	27.1 139.4	GGF		41	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

# **COORDINATE LISTING**

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0425

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER %	BRIGHT NUMBER	SUN. ELEV.	SUN. AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17955E 5540N	2405-22211	00000/0000 2-10016/0747	03/02/76	60	5650	23.4	149.8	GGGG			93	21
17955E 5301N	2422-22155	00000/0000 2-10017/0291	03/19/76	60	5887	31.9	146.5	GGFG			92	23
17947E 5255N	2404-22162	00000/0000 2-10016/0642	03/01/76	100	5636	25.0	147.9	GGGG			92	23
17947E 5251N	2386-22165	00000/0000 2-10015/0865	02/12/76	100	5385	18.7	149.7	GGGF			92	23
17946E 5959N	2425-22305	00000/0000 2-10017/0256	03/22/76	30	5929	28.1	152.6	GGGG			95	18
17918E 5436N	2459-22200	00000/0000 2-10018/0295	04/25/76	70	6403	44.4	144.8	GGGG			93	22
17916E 5434N	2441-22203	00000/0000 2-10017/1096	04/07/76	50	6152	38.2	146.5	GGGG			93	22
17912E 5137N	2422-22161	00000/0000 2-10017/0292	03/19/76	50	5887	32.8	145.3	GGGG			92	24
17907E 5417N	2405-22214	00000/0000 2-10016/0748	03/02/76	50	5650	24.4	148.8	GGGG			93	22
17905E 5131N	2404-22165	00000/0000 2-10016/0643	03/01/76	100	5636	25.9	146.9	GGGG			92	24
17905E 5127N	2386-22177	00000/0000 2-10015/0866	02/12/76	100	5385	19.8	148.8	GGGF			92	24
17848E 5836N	2425-22311	00000/0000 2-10017/0257	03/22/76	70	5929	29.1	151.3	GGFG			95	19
17833E 5311N	2459-22202	00000/0000 2-10018/0296	04/25/76	60	6403	45.3	143.2	GGGG			93	23
17831E 5310N	2441-22205	00000/0000 2-10017/1097	04/07/76	50	6152	39.1	145.1	GGGG			93	23
17830E 5310N	2585-22170	00000/0000 2-10022/0309	08/29/76	90	8160	40.7	143.3	GGGG			93	23
17830E 5303N	2477-22200	00000/0000 2-10018/0996	05/13/76	90	6654	50.3	140.4	GGG			93	23
17829E 5305N	2693-22131	00000/0000 2-10025/1268	12/15/76	90	9666	10.0	154.9	GGGF			93	23
17828E 5308N	2729-22114	00000/0000 2-10024/0696	01/20/77	40	168	12.0	150.0	GGGG			93	23
17828E 5306N	2567-22173	00000/0000 2-10021/0922	08/11/76	100	7909	45.9	138.9	GGGG			93	23
17828E 5258N	2531-22183	00000/0000 2-10020/0537	07/06/76	80	7407	52.9	134.0	GGGG			93	23
17827E 5304N	2603-22163	00000/0000 2-10022/1084	09/16/76	40	8411	34.9	147.7	GGGG			93	23
17827E 5257N	2495-22193	00000/0000 2-10019/0437	05/31/76	90	6905	53.3	137.2	GGGG			93	23
17822E 5254N	2513-22190	00000/0000 2-10019/1215	06/18/76	90	7156	54.1	134.7	GGGG			93	23
17822E 5253N	2405-22220	00000/0000 2-10016/0749	03/02/76	50	5650	25.4	147.8	GGGG			93	23
17822E 5249N	2387-22223	00000/0000 2-10015/0878	02/13/76	50	5399	19.1	149.5	GGGG			93	23
17821E 5256N	2639-22152	00000/0000 2-10023/1294	10/22/76	80	8913	22.6	154.6	GGGG			93	23
17821E 5255N	2657-22144	00000/0000 2-10025/0113	11/09/76	90	9164	17.0	156.1	GGGG			93	23
17755E 5713N	2425-22314	00000/0000 2-10017/0258	03/22/76	90	5929	30.1	150.0	GGGG			95	20
17743E 5423N	2424-22265	00000/0000 2-10017/0390	03/21/76	90	5915	31.7	147.5	FFFG			94	22
17741E 5419N	2406-22272	00000/0000 2-10016/0734	03/03/76	50	5664	24.7	148.7	GGGG			94	22
17739E 5129N	2405-22223	00000/0000 2-10016/0750	03/02/76	50	5650	26.3	146.8	GGGG			93	24
17739E 5126N	2387-22230	00000/0000 2-10015/0879	02/13/76	60	5399	20.1	148.7	GGGG			93	24
17705E 5549N	2425-22320	00000/0000 2-10017/0259	03/22/76	90	5929	31.1	148.7	GGGF			95	21
17705E 5308N	2442-22264	00000/0000 2-10017/1196	04/08/76	100	6166	39.5	144.9	GGGG			94	23
17705E 5308N	2568-22231	00000/0000 2-10021/0950	08/12/76	100	7923	45.6	139.2	GGGG			94	23

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0426

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS.	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17700E	5301N	2550-22234	00000/0000	2-10021/0163	07/25/76	90	7672	49.8	135.7			
17700E	5257N	2532-22241	00000/0000	2-10020/0613	07/07/76	90	7421	52.8	134.0	GG G	94	23
17658E	5259N	2424-22271	00000/0000	2-10017/0391	03/21/76	100	5915	32.7	146.3	GGGG	94	23
17656E	5255N	2406-22275	00000/0000	2-10016/0735	03/03/76	50	5664	25.7	147.7	FGGF	94	23
17654E	5249N	2370-22284	00000/0000	2-10015/0029	01/27/76	90	5162	14.4	151.6	GGGF	94	23
17654E	5249N	2388-22282	00000/0000	2-10015/0970	02/14/76	90	5413	19.4	149.4	GGGG	94	23
17617E	5425N	2425-22323	00000/0000	2-10017/0260	03/22/76	40	5929	32.1	147.5	GGGG	94	23
17613E	5130N	2406-22281	00000/0000	2-10016/0736	03/03/76	50	5664	26.7	146.7	GGGG	95	22
17612E	5412N	2389-22333	00000/0000	2-10015/0985	02/15/76	70	5427	18.7	150.2	FGGG	94	24
17611E	5125N	2388-22284	00000/0000	2-10015/0971	02/14/76	70	5413	20.4	148.6	GGGG	95	22
17607E	5418N	2407-22330	00000/0000	2-10016/0793	03/04/76	10	5678	25.1	148.7	GGGG	94	24
17551E	5601N	2462-22364	00000/0000	2-10018/0397	04/28/76	90	6445	44.5	146.2	GGGG	95	22
17535E	5535N	2390-22385	00000/0000	2-10015/1014	02/16/76	50	5441	18.0	151.0	GGGG	96	21
17533E	5301N	2425-22325	00000/0000	2-10017/0261	03/22/76	60	5929	33.0	146.3	FFFG	96	21
17529E	5540N	2408-22382	00000/0000	2-10016/0808	03/05/76	50	5692	24.5	149.6	GGGG	95	23
17527E	5248N	2389-22340	00000/0000	2-10015/0986	02/15/76	80	5427	19.7	149.3	FGGG	96	21
17523E	5254N	2407-22333	00000/0000	2-10016/0794	03/04/76	10	5678	26.1	147.6	GGGG	95	23
17503E	5437N	2462-22371	00000/0000	2-10018/0398	04/28/76	100	6445	45.4	144.5	GGGG	95	23
17501E	5435N	2444-22374	00000/0000	2-10017/1236	04/10/76	50	6194	39.3	146.2	GGGG	96	22
17458E	5434N	2588-22334	00000/0000	2-10022/0345	09/01/76	80	8202	38.8	145.5	GGGG	96	22
17452E	5425N	2552-22344	00000/0000	2-10021/0215	07/27/76	90	7700	48.7	137.9	GGGG	96	22
17452E	5422N	2498-22361	00000/0000	2-10019/0526	06/03/76	90	6947	52.8	138.9	GGGG	96	22
17452E	5418N	2372-22394	00000/0000	2-10015/0267	01/29/76	70	5190	13.7	152.2	GGGG	96	22
17451E	5423N	2678-22303	00000/0000	2-10025/0776	11/30/76	100	9457	10.9	156.8	FFGG	96	22
17451E	5418N	2534-22352	00000/0000	2-10020/0709	07/09/76	100	7449	51.8	136.2	FGG	96	22
17448E	5417N	2516-22355	00000/0000	2-10019/1322	06/21/76	90	7198	53.3	136.6	GGGG	96	22
17448E	5412N	2390-22392	00000/0000	2-10015/1015	02/16/76	60	5441	19.1	150.1	GGGG	96	22
17447E	5416N	2660-22312	00000/0000	2-10025/0252	11/12/76	70	9206	15.1	157.0	FGFG	96	22
17446E	5418N	2642-22320	00000/0000	2-10024/0082	10/25/76	100	8955	20.5	155.8	GGGG	96	22
17445E	5420N	2624-22324	00000/0000	2-10023/0573	10/07/76	90	8704	26.6	153.2	GGGG	96	22
17442E	5417N	2408-22385	00000/0000	2-10016/0809	03/05/76	20	5692	25.5	148.6	GGGG	96	22
17413E	5549N	2427-22439	00000/0000	2-10017/0418	03/24/76	30	5957	31.9	148.6	FGGG	96	22
17406E	5254N	2372-22400	00000/0000	2-10015/0268	01/29/76	70	5190	14.8	151.4	GGGG	97	21
17403E	5248N	2390-22394	00000/0000	2-10015/1016	02/16/76	90	5441	20.1	149.2	GGGG	96	23
17327E	5418N	2373-22452	00000/0000	2-10015/0285	01/30/76	60	5204	14.0	152.1	GGGF	97	22

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01129 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0427

PRINCIPAL POINT OF IMAGE		OBSERVATION	MICROFILM	ROLL NO./	DATE	CLSD	ORBIT	SUN	SUN	IMAGE-QUAL	MSS	MSS	ORBIT	FRAME
LONG	LAT	ID	POSITION	IN ROLL	ACQUIRED	COVER	NUMBER	ELEV.	AZIM.	RBV	DATA	IMAGE	PATH	ROW
			RBV	MSS		%				123	45678	MODE	NUM.	NUM.
17326E	5425N	2427-22435	00000/0000	2-10017/0419	03/24/76	30	5957	32.9	147.3					
17207E	5430N	2428-22494	00000/0000	2-10017/0433	03/25/76	60	5971	33.2	147.4	GGGG			97	22
17159E	5417N	2392-22504	00000/0000	2-10016/0116	02/18/76	20	5469	19.7	149.9	GGGG			98	22
17156E	5416N	2374-22511	00000/0000	2-10015/0330	01/31/76	40	5218	14.3	151.9	GGGG			98	22
06335W	4732N	2447-14209	00000/0000	2-10017/1299	04/13/76	10	6231	44.7	138.5	FFFF			98	22
06336W	4732N	2465-14200	00000/0000	2-10018/0424	05/01/76	0	6482	50.4	135.2	GGG			9	27
06339W	4730N	2573-14170	00000/0000	2-10021/1094	08/17/76	50	7988	47.5	133.5	GGGG			9	27
06339W	4724N	2483-14193	00000/0000	2-10018/1222	05/19/76	90	6733	54.4	131.1	GGGG			9	27
06340W	4728N	2429-14210	00000/0000	2-10017/0346	03/26/76	60	5980	38.1	141.0	GGGG			9	27
06340W	4725N	2555-14174	00000/0000	2-10021/0444	07/30/76	80	7737	51.6	128.5	GGGG			9	27
06341W	4729N	2591-14163	00000/0000	2-10022/0484	09/04/76	40	8239	42.5	139.0	GGG			9	27
06343W	4717N	2519-14184	00000/0000	2-10020/0001	06/24/76	0	7235	56.4	125.0	FGGF			9	27
06344W	4718N	2501-14191	00000/0000	2-10019/0632	06/06/76	0	6984	56.5	127.2	FGFG			9	27
06344W	4716N	2411-14214	00000/0000	2-10016/0906	03/08/76	10	5729	31.3	143.1	GGGG			9	27
06345W	4717N	2645-14145	00000/0000	2-10024/0083	10/28/76	70	8992	25.1	151.9	GGG			9	27
06346W	4716N	2393-14221	00000/0000	2-10016/0117	02/19/76	100	5478	24.9	145.5	FFFF			9	27
06501W	4731N	2466-14254	00000/0000	2-10018/0500	05/02/76	100	6496	50.6	135.0	GGGG			10	27
06503W	4734N	2448-14261	00000/0000	2-10017/1342	04/14/76	20	6245	45.1	138.3	GGGG			10	27
06504W	4731N	2718-14174	00000/0000	2-10026/0313	01/09/77	10	10	14.5	149.1	GGGG			10	27
06505W	4730N	2592-14222	00000/0000	2-10022/0541	09/05/76	90	8253	42.2	139.3	GGGG			10	27
06505W	4727N	2700-14182	00000/0000	2-10025/1467	12/22/76	40	9759	14.0	151.6	FGGG			10	27
06505W	4723N	2430-14265	00000/0000	2-10017/0524	03/27/76	40	5994	38.5	140.9	G G			10	27
06506W	4729N	2484-14251	00000/0000	2-10018/1256	05/20/76	20	6747	54.6	130.9	GGGG			10	27
06506W	4729N	2574-14225	00000/0000	2-10021/1153	08/18/76	20	8002	47.2	133.7	GGGG			10	27
06506W	4726N	2556-14232	00000/0000	2-10021/0382	07/31/76	40	7751	51.4	128.8	GGGG			10	27
06508W	4720N	2538-14235	00000/0000	2-10020/0813	07/13/76	100	7500	54.6	125.6	FGGG			10	27
06509W	4717N	2502-14245	00000/0000	2-10019/0684	06/07/76	60	6998	56.5	127.0	GGGG			10	27
06510W	4726N	2610-14215	00000/0000	2-10022/1312	09/23/76	10	8504	36.5	144.7	FFGG			10	27
06510W	4722N	2682-14191	00000/0000	2-10025/0898	12/04/76	10	9508	15.9	153.2	GGGG			10	27
06511W	4718N	2412-14272	00000/0000	2-10016/0853	03/09/76	10	5734	31.7	143.0	GGGG			10	27
06511W	4718N	2664-14195	00000/0000	2-10025/0670	11/16/76	40	9257	19.7	153.5	GGGG			10	27
06511W	4715N	2520-14242	00000/0000	2-10019/1455	06/25/76	100	7249	56.4	124.9	GGGG			10	27
06513W	4716N	2646-14203	00000/0000	2-10024/0027	10/29/76	90	9006	24.8	152.1	FFGG			10	27
06513W	4715N	2394-14275	00000/0000	2-10016/0199	02/20/76	30	5492	25.2	145.3	FGGG			10	27
06536W	4606N	2466-14261	00000/0000	2-10018/0501	05/02/76	100	6496	51.4	133.1	GGGG			10	28

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0428

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT	RBV						123 45678				
06539W	4608N	2448-14264	00000/0000	2-10017/1343	04/14/76	10	6245	45.9	136.8			
06539W	4606N	2718-14180	00000/0000	2-10026/0314	01/09/77	10	10	15.6	148.5	GGGG	10	28
06539W	4559N	2484-14254	00000/0000	2-10018/1257	05/20/76	60	6747	55.2	128.7	GGGG	10	28
06540W	4606N	2592-14224	00000/0000	2-10022/0542	09/05/76	90	8253	43.0	137.9	GGFF	10	28
06540W	4605N	2700-14185	00000/0000	2-10025/1482	12/22/76	10	9759	15.1	151.0	GGGG	10	28
06540W	4604N	2574-14231	00000/0000	2-10021/1154	08/18/76	70	8002	47.9	132.0	GG	10	28
06540W	4602N	2430-14271	00000/0000	2-10017/0525	03/27/76	10	5994	39.4	139.6	GGGG	10	28
06540W	4602N	2556-14234	00000/0000	2-10021/0383	07/31/76	80	7751	52.0	126.8	GGGG	10	28
06543W	4554N	2538-14242	00000/0000	2-10020/0814	07/13/76	100	7500	55.1	123.3	GGGG	10	28
06544W	4602N	2610-14221	00000/0000	2-10022/1313	09/23/76	40	8504	37.5	143.5	FGGG	10	28
06544W	4552N	2502-14251	00000/0000	2-10019/0685	06/07/76	90	6998	57.1	124.6	FFGG	10	28
06545W	4557N	2682-14193	00000/0000	2-10025/0899	12/04/76	10	9508	17.0	152.6	GGGG	10	28
06545W	4550N	2520-14245	00000/0000	2-10019/1456	06/25/76	90	7249	56.9	122.5	GGGG	10	28
06546W	4553N	2412-14275	00000/0000	2-10016/0854	03/09/76	10	5734	32.6	142.0	GGGG	10	28
06546W	4553N	2664-14202	00000/0000	2-10025/0671	11/16/76	20	9257	20.8	152.8	GGGG	10	28
06548W	4551N	2394-14282	00000/0000	2-10016/0200	02/20/76	50	5492	26.2	144.5	GGGG	10	28
06548W	4551N	2646-14210	00000/0000	2-10024/0028	10/29/76	40	9006	25.9	151.3	FGGG	10	28
06610W	4441N	2466-14263	00000/0000	2-10018/0502	05/02/76	100	6496	52.1	131.1	GGGG	10	28
06612W	4434N	2484-14260	00000/0000	2-10018/1258	05/20/76	100	6747	55.8	126.4	GGFF	10	29
06613W	4443N	2448-14270	00000/0000	2-10017/1344	04/14/76	0	6245	46.7	135.2	GGGG	10	29
06613W	4440N	2574-14234	00000/0000	2-10021/1155	08/18/76	40	8002	48.6	130.2	GGGG	10	29
06613W	4440N	2718-14183	00000/0000	2-10026/0315	01/09/77	10	10	16.6	147.9	GGGG	10	29
06613W	4437N	2556-14241	00000/0000	2-10021/0384	07/31/76	90	7751	52.6	124.7	GGGG	10	29
06614W	4441N	2592-14231	00000/0000	2-10022/0543	09/05/76	70	8253	43.8	136.4	GGGG	10	29
06614W	4440N	2700-14191	00000/0000	2-10025/1468	12/22/76	70	9759	16.2	150.4	GGGG	10	29
06615W	4437N	2430-14274	00000/0000	2-10017/0526	03/27/76	10	5994	40.3	138.3	GGGG	10	29
06616W	4431N	2538-14244	00000/0000	2-10022/0815	07/13/76	100	7500	55.6	121.0	GGGG	10	29
06617W	4436N	2610-14224	00000/0000	2-10022/1314	09/23/76	20	8504	38.4	142.3	FGGG	10	29
06618W	4433N	2682-14200	00000/0000	2-10025/0900	12/04/76	20	9508	18.1	152.0	GGGG	10	29
06618W	4427N	2502-14234	00000/0000	2-10019/0686	06/07/76	70	6998	57.6	122.1	GGGG	10	29
06618W	4424N	2520-14251	00000/0000	2-10019/1457	06/25/76	100	7249	57.4	120.1	GGGG	10	29
06620W	4428N	2412-14281	00000/0000	2-10016/0855	03/09/76	0	5734	33.5	140.9	GGGG	10	29
06620W	4428N	2664-14204	00000/0000	2-10025/0672	11/16/76	10	9257	21.9	152.1	FGGG	10	29
06621W	4426N	2646-14212	00000/0000	2-10024/0029	10/29/76	50	9006	27.0	150.5	GGGG	10	29
06622W	4426N	2394-14264	00000/0000	2-10016/0201	02/20/76	80	5492	27.1	143.6	GGGG	10	29

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0429

PRINCIPAL POINT OBSERVATION		MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
SE IMAGE LONG LAT	ID											
06629W	4732N	2449-14315	00000/0000	2-10017/1401	04/15/76	10	6259	45.4	138.1			
06629W	4730N	2467-14312	00000/0000	2-10018/0508	05/03/76	70	6510	50.9	134.7	GGGG	11	27
06629W	4728N	2431-14323	00000/0000	2-10017/0510	03/28/76	90	6008	38.9	140.7	GGGG	11	27
06630W	4724N	2485-14310	00000/0000	2-10019/0452	05/21/76	90	6761	54.7	130.7	GGGG	11	27
06631W	4730N	2701-14240	00000/0000	2-10026/0001	12/23/76	30	9773	14.0	151.5	GGGG	11	27
06631W	4725N	2557-14290	00000/0000	2-10021/0399	08/01/76	90	7765	51.2	129.0	GGGG	11	27
06632W	4732N	2575-14283	00000/0000	2-10021/1205	08/19/76	0	8016	46.9	134.1	GGGG	11	27
06633W	4730N	2719-14232	00000/0000	2-10026/0370	01/10/77	60	24	14.6	148.9	GGGG	11	27
06633W	4729N	2593-14280	00000/0000	2-10022/0577	09/06/76	70	8267	41.9	139.6	GGGG	11	27
06635W	4719N	2539-14293	00000/0000	2-10020/0485	07/14/76	100	7514	54.4	125.7	GGGG	11	27
06635W	4717N	2503-14302	00000/0000	2-10019/0758	06/08/76	50	7012	56.6	126.8	GGGG	11	27
06636W	4725N	2611-14273	00000/0000	2-10022/1367	09/24/76	30	8518	36.2	144.9	GGGG	11	27
06636W	4722N	2633-14245	00000/0000	2-10025/0942	12/05/76	10	9522	15.8	153.2	GGGG	11	27
06638W	4718N	2395-14333	00000/0000	2-10016/0026	02/21/76	20	5506	25.5	145.2	GGGG	11	27
06638W	4716N	2413-14330	00000/0000	2-10016/0980	03/10/76	10	5757	32.1	142.9	GGGG	11	27
06638W	4715N	2521-14300	00000/0000	2-10019/1475	06/26/76	90	7263	56.3	124.8	GGGG	11	27
06639W	4718N	2665-14253	00000/0000	2-10025/0351	11/17/76	60	9271	19.5	153.5	GGGG	11	27
06639W	4717N	2647-14262	00000/0000	2-10024/0167	10/30/76	30	9020	24.5	152.2	GGGG	11	27
06640W	4715N	2629-14270	00000/0000	2-10023/0744	10/12/76	10	8769	30.4	149.2	GGGG	11	27
06642W	4316N	2466-14270	00000/0000	2-10018/0503	05/02/76	100	6496	52.8	129.1	GGGG	11	27
06644W	4712N	2377-14340	00000/0000	2-10015/0410	02/03/76	90	5255	20.1	147.7	GGFG	10	30
06645W	4317N	2448-14273	00000/0000	2-10017/1345	04/14/76	0	6245	47.5	133.5	GGGG	11	27
06645W	4315N	2574-14240	00000/0000	2-10021/1156	08/18/76	10	8002	49.3	128.4	GGGG	10	30
06645W	4309N	2484-14263	00000/0000	2-10018/1259	05/20/76	100	6747	56.4	124.1	GGGG	10	30
06646W	4315N	2718-14185	00000/0000	2-10026/0316	01/09/77	70	10	17.7	147.2	GGGG	10	30
06646W	4311N	2556-14243	00000/0000	2-10021/0385	07/31/76	90	7751	53.1	122.6	GGGG	10	30
06647W	4315N	2592-14233	00000/0000	2-10027/0544	09/05/76	20	8253	44.6	134.9	GGGG	10	30
06647W	4314N	2730-14194	00000/0000	2-10025/1469	12/22/76	90	9759	17.3	149.8	GGGG	10	30
06648W	4311N	2430-14280	00000/0000	2-10017/0527	03/27/76	10	5994	41.1	136.9	GGGG	10	30
06649W	4311N	2610-14230	00000/0000	2-10027/1315	09/23/76	10	8504	39.4	141.1	GGGG	10	30
06649W	4306N	2538-14251	00000/0000	2-10020/0816	07/13/76	70	7500	56.0	118.7	GGGG	10	30
06649W	4302N	2502-14240	00000/0000	2-10019/0687	06/07/76	10	6998	58.0	119.7	GGGG	10	30
06650W	4308N	2682-14207	00000/0000	2-10025/0901	12/04/76	60	9508	19.2	151.4	GGGG	10	30
06650W	4259N	2520-14254	00000/0000	2-10019/1458	06/25/76	100	7249	57.8	117.6	GGGG	10	30
06652W	4303N	2412-14284	00000/0000	2-10016/0856	03/09/76	30	5734	34.4	139.9	GGGG	10	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR LIS  
FROM 01/22/76 TO 01/22/77

PAGE 0430

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
06652W	4303N	2664-14211	00000/0000	2-10025/0673	11/16/76	70	9257	3.0	151.4	GGGG	10	30
06653W	4302N	2646-14215	00000/0000	2-10024/0030	10/29/76	50	9006	28.1	149.6	GGGG	10	30
06654W	4301N	2394-14291	00000/0000	2-10016/0202	02/20/76	90	5492	28.1	142.7	FGFG	10	30
06704W	4604N	2467-14315	00000/0000	2-10018/0509	05/03/76	90	6510	51.7	132.8	GGGG	11	28
06705W	4607N	2449-14322	00000/0000	2-10017/1402	04/15/76	30	6259	46.2	136.6	GGGG	11	28
06705W	4603N	2431-14325	00000/0000	2-10017/0511	03/28/76	100	6008	39.8	139.4	FGGG	11	28
06705W	4559N	2485-14312	00000/0000	2-10019/0453	05/21/76	90	6761	55.4	128.4	GGGG	11	28
06706W	4605N	2701-14243	00000/0000	2-10026/0002	12/23/76	80	9773	15.1	150.9	FFGG	11	28
06707W	4606N	2575-14285	00000/0000	2-10021/1206	08/19/76	0	8016	47.7	132.4	GGGG	11	28
06708W	4605N	2719-14234	00000/0000	2-10026/0371	01/10/77	90	24	15.7	148.3	GGGG	11	28
06708W	4604N	2593-14282	00000/0000	2-10022/0578	09/06/76	90	8267	42.7	138.2	FGGG	11	28
06710W	4600N	2611-14275	00000/0000	2-10022/1368	09/24/76	10	8518	37.2	143.7	FGGG	11	28
06710W	4557N	2683-14251	00000/0000	2-10025/0943	12/05/76	10	9522	16.9	152.6	GGGG	11	28
06710W	4555N	2539-14300	00000/0000	2-10020/0486	07/14/76	100	7514	54.9	123.4	GGGG	11	28
06710W	4552N	2503-14310	00000/0000	2-10019/0759	06/08/76	10	7012	57.1	124.4	GGGG	11	28
06712W	4552N	2413-14333	00000/0000	2-10016/0981	03/10/76	0	5757	33.0	141.8	GGGG	11	28
06713W	4553N	2395-14340	00000/0000	2-10016/0027	02/21/76	10	5506	26.5	144.4	GGGG	11	28
06713W	4551N	2521-14303	00000/0000	2-10019/1476	06/26/76	90	7263	56.8	122.4	GGGG	11	28
06714W	4552N	2647-14264	00000/0000	2-10024/0168	10/30/76	10	9020	25.6	151.4	GGGG	11	28
06714W	4552N	2665-14260	00000/0000	2-10025/0352	11/17/76	10	9271	20.6	152.8	GG G	11	28
06715W	4550N	2629-14272	00000/0000	2-10023/0745	10/12/76	10	8769	31.4	148.3	GGGG	11	28
06719W	4546N	2377-14343	00000/0000	2-10015/0411	02/03/76	60	5255	21.1	147.0	FGFF	11	28
06738W	4439N	2467-14321	00000/0000	2-10018/0510	05/03/76	100	6510	52.4	130.9	GGGG	11	29
06739W	4441N	2449-14324	00000/0000	2-10017/1403	04/15/76	20	6259	47.0	134.9	GGGG	11	29
06739W	4438N	2431-14332	00000/0000	2-10017/0512	03/28/76	90	6008	40.6	138.1	GGGG	11	29
06739W	4434N	2485-14315	00000/0000	2-10019/0454	05/21/76	40	6761	56.0	126.2	GGGG	11	29
06740W	4440N	2701-14245	00000/0000	2-10026/0006	12/23/76	70	9773	16.2	150.3	GG	11	29
06741W	4441N	2575-14292	00000/0000	2-10021/1207	08/19/76	10	8016	48.4	130.6	GGGG	11	29
06741W	4439N	2593-14285	00000/0000	2-10022/0579	09/06/76	60	8267	43.6	136.7	GGGG	11	29
06742W	4440N	2719-14241	00000/0000	2-10026/0372	01/10/77	90	24	16.7	147.7	FGGG	11	29
06743W	4430N	2539-14302	00000/0000	2-10020/0487	07/14/76	90	7514	55.4	121.1	FGGG	11	29
06743W	4427N	2503-14312	00000/0000	2-10019/0760	06/08/76	10	7012	57.6	121.9	GGGG	11	29
06744W	4436N	2611-14282	00000/0000	2-10022/1369	09/24/76	10	8518	38.1	142.6	FGGG	11	29
06744W	4432N	2683-14254	00000/0000	2-10025/0944	12/05/76	40	9522	18.0	151.9	GGGG	11	29
06746W	4428N	2395-14342	00000/0000	2-10016/0028	02/21/76	20	5506	27.4	143.5	GGGG	11	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0431

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
06746N	4427N	2413-14335	00000/0000	2-10016/0982	03/10/76	20	5757	33.9	140.8	GGGG		11	29
06746N	4426N	2521-14335	00000/0000	2-10019/1477	06/26/76	90	7263	57.3	120.0	GGGG		11	29
06747N	4427N	2647-14271	00000/0000	2-10024/0169	10/30/76	10	9020	26.7	150.6	GGGG		11	29
06748N	4427N	2665-14262	00000/0000	2-10025/0353	11/17/76	10	9271	21.7	152.1	GG G		11	29
06748N	4425N	2629-14275	00000/0000	2-10023/0746	10/12/76	10	8769	32.4	147.3	GGGF		11	29
06752N	4421N	2377-14345	00000/0000	2-10015/0412	02/03/76	40	5255	22.2	146.3	FGFG		11	29
06753N	4735N	2450-14374	00000/0000	2-10017/1448	04/16/76	40	6273	45.7	138.0	GGGG		12	27
06755N	4731N	2468-14371	00000/0000	2-10018/0543	05/04/76	70	6524	51.2	134.6	GGGG		12	27
06755N	4729N	2432-14341	00000/0000	2-10017/0596	03/29/76	100	6022	39.3	140.6	FGGG		12	27
06757N	4727N	2558-14344	00000/0000	2-10021/0458	08/02/76	20	7779	51.0	129.3	GGGG		12	27
06757N	4726N	2624-14333	00000/0000	2-10025/0975	12/06/76	10	9536	15.6	153.1	GGGG		12	27
06757N	4723N	2456-14364	00000/0000	2-10018/1398	05/22/76	100	6775	54.9	130.4	FGGG		12	27
06758N	4731N	2576-14341	00000/0000	2-10022/0054	08/20/76	30	8030	46.7	134.4	GGGG		12	27
06758N	4728N	2594-14334	00000/0000	2-10022/0610	09/07/76	90	8281	41.6	139.9	GGGG		12	27
06759N	4731N	2720-14290	00000/0000	2-10026/0403	01/11/77	30	38	14.7	148.8	GGGG		12	27
06800N	4730N	2702-14294	00000/0000	2-10025/1494	12/24/76	30	9787	14.0	151.4	FFFF		12	27
06801N	4722N	2414-14335	00000/0000	2-10016/1019	03/11/76	100	5771	32.4	142.8	GG F		12	27
06801N	4719N	2504-14361	00000/0000	2-10019/0745	06/09/76	0	7026	56.6	126.7	FGGG		12	27
06802N	4718N	2540-14352	00000/0000	2-10020/0928	07/15/76	70	7528	54.3	125.8	FFFF		12	27
06803N	4723N	2612-14331	00000/0000	2-10022/1373	09/25/76	20	8532	35.9	145.2	GGGG		12	27
06804N	4718N	2396-14332	00000/0000	2-10015/0017	02/22/76	100	5520	25.9	145.1	GGGG		12	27
06804N	4713N	2522-14355	00000/0000	2-10020/0057	06/27/76	90	7277	56.3	124.8	FGGG		12	27
06806N	4718N	2648-14320	00000/0000	2-10024/0205	10/31/76	100	9034	24.2	152.3	GGGF		12	27
06807N	4716N	2630-14324	00000/0000	2-10023/0794	10/13/76	90	8783	30.0	149.4	GGGF		12	27
06807N	4713N	2378-14394	00000/0000	2-10015/0448	02/04/76	50	5269	20.4	147.6	GGGG		12	27
06810N	4314N	2467-14324	00000/0000	2-10015/0511	05/03/76	80	6510	53.0	128.9	GGGG		11	30
06811N	4316N	2449-14331	00000/0000	2-10017/1404	04/15/76	20	6259	47.8	133.3	GGGG		11	30
06811N	4308N	2425-14321	00000/0000	2-10019/0455	05/21/76	10	6761	56.6	123.8	GGGG		11	30
06812N	4315N	2575-14294	00000/0000	2-10021/1208	08/19/76	30	8016	49.0	123.8	FGGG		11	30
06813N	4314N	2701-14252	00000/0000	2-10026/0003	12/23/76	90	9773	17.2	149.7	FGG	H	11	30
06814N	4315N	2719-14243	00000/0000	2-10026/0373	01/10/77	100	24	17.7	147.1	GGGG		11	30
06814N	4314N	2593-14291	00000/0000	2-10022/0580	09/06/76	10	8267	44.4	135.3	GGGG		11	30
06815N	4302N	2503-14315	00000/0000	2-10019/0761	06/08/76	10	7012	58.1	119.4	GGGG		11	30
06816N	4310N	2611-14284	00000/0000	2-10022/1370	09/24/76	70	8518	39.1	141.4	GGFG		11	30
06816N	4307N	2653-14260	00000/0000	2-10025/0945	12/05/76	80	9522	19.1	151.3	FGGG		11	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0432

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV MSS						123 45678				
06816N	4304N	2539-14305	00000/0000	2-10020/0488	07/14/76	90	7514	55.9	118.8	GGGG	11	30
06817N	4300N	2521-14312	00000/0000	2-10019/1478	06/26/76	100	7263	57.7	117.5	FGGG	11	30
06818N	4304N	2395-14345	00000/0000	2-10016/0029	02/21/76	10	5506	28.4	142.6	FGGG	11	30
06818N	4302N	2413-14342	00000/0000	2-10014/0983	03/10/76	60	5757	34.8	139.7	GGGG	11	30
06819N	4302N	2647-14273	00000/0000	2-10024/0170	10/30/76	10	9020	27.8	149.8	GGGG	11	30
06820N	4302N	2665-14265	00000/0000	2-10025/0354	11/17/76	20	9271	22.8	151.4	GGGG	11	30
06821N	4300N	2629-14231	00000/0000	2-10023/0747	10/12/76	20	8769	33.4	146.3	FGGF	11	30
06825N	4257N	2377-14352	00000/0000	2-10015/0413	02/03/76	80	5255	23.2	145.5	GGGG	11	30
06829N	4609N	2450-14380	00000/0000	2-10017/1449	04/16/76	40	6273	46.6	136.4	GGGG	12	28
06830W	4606N	2468-14373	00000/0000	2-10018/0544	05/04/76	70	6524	51.9	132.7	GGGG	12	28
06830N	4605N	2432-14334	00000/0000	2-10017/0597	03/29/76	90	6022	40.1	139.3	FGGG	12	28
06832W	4602N	2558-14351	00000/0000	2-10021/0459	08/02/76	20	7779	51.6	127.3	GGGG	12	28
06832N	4601N	2684-14305	00000/0000	2-10025/0976	12/06/76	10	9536	16.7	152.5	GGGG	12	28
06832N	4558N	2436-14371	00000/0000	2-10018/1399	05/22/76	90	6775	55.5	128.2	FGGG	12	28
06833N	4606N	2576-14344	00000/0000	2-10022/0055	08/20/76	10	8030	47.4	132.7	GGGG	12	28
06833N	4603N	2594-14341	00000/0000	2-10022/0611	09/07/76	90	8281	42.4	138.5	FGGG	12	28
06834N	4605N	2720-14293	00000/0000	2-10026/0404	01/11/77	20	38	15.8	148.2	GGGG	12	28
06835N	4604N	2702-14311	00000/0000	2-10025/1495	12/24/76	30	9787	15.1	150.8	GGGG	12	28
06836N	4557N	2414-14391	00000/0000	2-10016/1020	03/11/76	100	5771	33.3	141.8	GGFF	12	28
06836N	4554N	2534-14364	00000/0000	2-10019/0746	06/09/76	10	7026	57.1	124.3	FGGG	12	28
06837N	4553N	2540-14354	00000/0000	2-10020/0929	07/15/76	90	7528	54.8	123.5	FFFF	12	28
06838N	4558N	2612-14334	00000/0000	2-10022/1374	09/25/76	80	8532	36.9	144.0	GGGG	12	28
06838W	4553N	2396-14394	00000/0000	2-10016/0018	02/22/76	100	5520	26.8	144.2	GGGG	12	28
06839N	4549N	2522-14361	00000/0000	2-10020/0058	06/27/76	90	7277	56.8	122.4	GGGG	12	28
06841N	4553N	2648-14322	00000/0000	2-10024/0206	10/31/76	90	9034	25.3	151.5	GGGF	12	28
06841N	4551N	2630-14330	00000/0000	2-10023/0795	10/13/76	70	8783	31.1	148.5	FGGG	12	28
06841N	4149N	2467-14330	00000/0000	2-10018/0512	05/03/76	70	6510	53.7	126.8	GGGG	11	31
06842N	4548N	2378-14401	00000/0000	2-10015/0449	02/04/76	80	5269	21.4	146.8	GGGG	12	28
06842N	4150N	2449-14333	00000/0000	2-10017/1405	04/15/76	40	6259	48.5	131.6	GGGG	11	31
06842N	4143N	2485-14324	00000/0000	2-10019/0456	05/21/76	20	6761	57.1	121.5	GGGG	11	31
06843N	4150N	2575-14301	00000/0000	2-10021/1209	08/19/76	60	8016	49.7	127.0	GGGG	11	31
06844N	4147N	2431-14341	00000/0000	2-10017/0513	03/28/76	70	6008	42.3	135.4	GGGG	11	31
06845N	4149N	2701-14254	00000/0000	2-10026/0004	12/23/76	90	9773	18.3	149.1	FFGF	11	31
06845N	4149N	2719-14250	00000/0000	2-10026/0376	01/10/77	100	24	18.8	146.4	GG	11	31
06845N	4148N	2593-14294	00000/0000	2-10022/0581	09/06/76	20	8267	45.1	133.8	GGGG	11	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0433

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SRRIT PATH NUM.	FRAME R&W NUM.
06846W	4139N	2539-14311	00000/0000	2-10020/0489	07/14/76	70	7514	56.3	116.4	GGGG	11	31
06846W	4137N	2503-14321	00000/0000	2-10019/0762	06/08/76	10	7012	58.5	116.9	GGGG	11	31
06847W	4143N	2611-14291	00000/0000	2-10022/1371	09/24/76	80	8518	40.0	140.1	GGGG	11	31
06848W	4142N	2653-14269	00000/0000	2-10025/0946	12/05/76	40	9522	20.2	150.7	GGGG	11	31
06848W	4135N	2521-14314	00000/0000	2-10019/1479	06/26/76	90	7263	58.1	115.0	GGGG	11	31
06849W	4138N	2395-14351	00000/0000	2-10016/0030	02/21/76	10	5506	29.3	141.7	GGGG	11	31
06849W	4137N	2413-14344	00000/0000	2-10016/0984	03/10/76	90	5757	35.7	138.6	GGGG	11	31
06851W	4137N	2647-14280	00000/0000	2-10024/0171	10/30/76	10	9020	28.8	149.0	GGGG	11	31
06851W	4137N	2665-14271	00000/0000	2-10025/0355	11/17/76	10	9271	23.9	150.8	GGGG	11	31
06852W	4135N	2629-14284	00000/0000	2-10023/0748	10/12/76	40	8769	34.4	145.3	GGGG	11	31
06856W	4132N	2377-14354	00000/0000	2-10015/0414	02/03/76	80	5255	24.1	144.8	GFFF	11	31
06903W	4444N	2450-14383	00000/0000	2-10017/1450	04/16/76	20	6273	47.3	134.8	GGGG	12	29
06904W	4441N	2468-14380	00000/0000	2-10018/0545	05/04/76	70	6524	52.6	130.7	GGGG	12	29
06904W	4439N	2432-14390	00000/0000	2-10017/0598	03/29/76	70	6022	41.0	138.0	GGGG	12	29
06906W	4437N	2558-14359	00000/0000	2-10021/0460	08/02/76	10	7779	52.2	125.3	GGGG	12	29
06906W	4436N	2684-14312	00000/0000	2-10025/0977	12/06/76	10	9536	17.8	151.9	GGGG	12	29
06906W	4433N	2486-14373	00000/0000	2-10018/1400	05/22/76	70	6775	56.1	125.9	GGGG	12	29
06907W	4440N	2576-14350	00000/0000	2-10022/0056	08/20/76	10	8030	48.1	130.9	GGGG	12	29
06907W	4437N	2594-14343	00000/0000	2-10022/0612	09/07/76	10	8281	43.3	137.1	GGGG	12	29
06908W	4440N	2720-14295	00000/0000	2-10026/0403	01/11/77	20	38	16.8	147.5	GGGG	12	29
06909W	4439N	2702-14303	00000/0000	2-10025/1496	12/24/76	10	9787	16.1	150.2	GGGG	12	29
06909W	4430N	2504-14370	00000/0000	2-10019/0747	06/09/76	10	7026	57.6	121.8	GGGG	12	29
06910W	4432N	2414-14394	00000/0000	2-10016/1021	03/11/76	90	5771	34.2	140.7	GGGF	12	29
06910W	4427N	2540-14361	00000/0000	2-10020/0930	07/15/76	80	7528	55.3	121.2	GGGG	12	29
06911W	4432N	2612-14340	00000/0000	2-10022/1375	09/25/76	40	8532	37.8	142.8	GGGG	12	29
06911W	4428N	2396-14401	00000/0000	2-10016/0019	02/22/76	100	5520	27.8	143.3	GGGG	12	29
06912W	4424N	2522-14364	00000/0000	2-10020/0059	06/27/76	90	7277	57.2	119.9	GGGG	12	29
06912W	4025N	2449-14340	00000/0000	2-10017/1406	04/15/76	20	6259	49.2	129.8	GGGG	11	32
06912W	4023N	2467-14333	00000/0000	2-10018/0513	05/03/76	90	6510	54.3	124.7	GGGG	11	32
06913W	4024N	2575-14303	00000/0000	2-10021/1210	08/19/76	90	8016	50.2	125.2	GGGG	11	32
06913W	4017N	2485-14330	00000/0000	2-10019/0457	05/21/76	50	6761	57.5	119.1	GGGG	11	32
06914W	4428N	2648-14325	00000/0000	2-10024/0207	10/31/76	90	9034	26.4	150.7	GGGF	12	29
06914W	4021N	2431-14343	00000/0000	2-10017/0514	03/28/76	50	6008	43.1	134.0	GGGG	11	32
06915W	4426N	2630-14333	00000/0000	2-10023/0796	10/13/76	40	8783	32.1	147.5	FFGF	12	29
06915W	4022N	2593-14300	00000/0000	2-10022/0582	09/06/76	20	8267	45.9	132.2	GGGG	11	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0434

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBLI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBV NUM.	
06915W	4012N	2503-14324	00000/0000	2-10019/0763	06/08/76	10	7012	58.8	114.3	GGGF			11	32
06916W	4423N	2378-14403	00000/0000	2-10015/0450	02/04/76	90	5269	22.4	146.1	GGGG			12	29
06916W	4023N	2701-14261	00000/0000	2-10026/0005	12/23/76	80	9773	19.4	148.5	FFGG			11	32
06916W	4023N	2719-14252	00000/0000	2-10026/0374	01/10/77	100	24	19.8	145.8	GGGG			11	32
06916W	4014N	2539-14314	00000/0000	2-10020/0490	07/14/76	70	7514	56.6	114.0	GGGG			11	32
06918W	4018N	2611-14293	00000/0000	2-10022/1372	09/24/76	50	8518	40.9	138.9	FFGG			11	32
06918W	4017N	2683-14265	00000/0000	2-10025/0947	12/05/76	30	9522	21.3	150.1	GGGG			11	32
06918W	4009N	2521-14321	00000/0000	2-10019/1480	06/26/76	90	7263	58.4	112.4	FPFF			11	32
06919W	4013N	2395-14354	00000/0000	2-10016/0031	02/21/76	10	5506	30.2	140.8	GGGG			11	32
06919W	4011N	2413-14351	00000/0000	2-10016/0985	03/10/76	90	5757	36.5	137.5	GGGG			11	32
06921W	4731N	2469-14425	00000/0000	2-10018/0579	05/05/76	40	6538	51.4	134.4	GFGG			13	27
06921W	4012N	2665-14274	00000/0000	2-10025/0356	11/17/76	20	9271	25.0	150.1	GGGG			11	32
06922W	4732N	2577-14395	00000/0000	2-10021/1224	08/21/76	10	8044	46.4	134.7	GGGG			13	27
06922W	4731N	2703-14353	00000/0000	2-10025/1603	12/25/76	70	9801	14.0	151.3	GGGG			13	27
06922W	4728N	2433-14435	00000/0000	2-10017/0582	03/30/76	100	6036	39.7	140.5	GGGG			13	27
06922W	4011N	2647-14282	00000/0000	2-10024/0172	10/30/76	10	9020	29.9	148.2	GGGG			11	32
06922W	4010N	2629-14290	00000/0000	2-10023/0749	10/12/76	70	8769	35.4	144.3	GGGG			11	32
06923W	4731N	2721-14344	00000/0000	2-10026/0412	01/12/77	20	52	14.9	148.6	GGGG			13	27
06924W	4721N	2487-14422	00000/0000	2-10018/1347	05/23/76	100	6789	55.1	130.2	GGFG			13	27
06925W	4006N	2377-14361	00000/0000	2-10015/0415	02/03/76	90	5255	25.1	144.0	GGFG			11	32
06926W	4726N	2595-14393	00000/0000	2-10027/0620	09/08/76	50	8295	41.3	140.2	GGG			13	27
06926W	4725N	2635-14361	00000/0000	2-10025/1018	12/07/76	100	9550	15.4	153.1	GGGG			13	27
06927W	4725N	2559-14403	00000/0000	2-10021/0513	08/03/76	10	7793	50.8	129.5	GGGG			13	27
06927W	4720N	2541-14410	00000/0000	2-10020/1066	07/16/76	30	7542	54.1	125.9	GGGG			13	27
06928W	4716N	2523-14413	00000/0000	2-10020/0162	06/28/76	90	7291	56.2	124.8	GGGG			13	27
06929W	4725N	2613-14355	00000/0000	2-10023/0050	09/26/76	30	8546	35.6	145.5	GGGG			13	27
06929W	4720N	2415-14443	00000/0000	2-10016/1057	03/12/76	0	5785	32.8	142.7	GGGG			13	27
06929W	4720N	2667-14370	00000/0000	2-10025/0409	11/19/76	100	9299	18.9	153.6	FGGG			13	27
06929W	4718N	2505-14420	00000/0000	2-10019/0955	06/10/76	70	7040	56.6	126.5	GGGG			13	27
06931W	4720N	2631-14382	00000/0000	2-10023/0860	10/14/76	100	8797	29.6	149.7	FGGG			13	27
06931W	4717N	2649-14374	00000/0000	2-10024/0251	11/01/76	100	9048	23.9	152.4	GGGG			13	27
06932W	4716N	2397-14450	00000/0000	2-10016/0292	02/23/76	10	5534	26.2	144.9	GGGG			13	27
06934W	4710N	2379-14453	00000/0000	2-10015/0487	02/05/76	0	5283	20.7	147.4	GGFF			13	27
06935W	4318N	2450-14385	00000/0000	2-10017/1451	04/16/76	60	6273	48.1	133.1	GGGG			12	30
06936W	4316N	2468-14382	00000/0000	2-10018/0546	05/04/76	20	6524	53.3	128.6	GGGG			12	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0435

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL	MSS DATA	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT	ID	RBV						123 45678	M8DF			
06937W	4314N	2432-14393	00000/0000	2-10017/0599	03/29/76	30	6022	41.8	136.6	FGFG		12	30
06938W	4315N	2576-14353	00000/0000	2-10022/0057	08/20/76	0	8030	48.8	129.2	FGGG		12	30
06939W	4312N	2558-14360	00000/0000	2-10021/0461	08/02/76	20	7779	52.7	123.2	GGGG		12	30
06939W	4311N	2684-14314	00000/0000	2-10025/0978	12/06/76	20	9536	18.9	151.3	GGFG		12	30
06939W	4307N	2486-14330	00000/0000	2-10018/1401	05/22/76	20	6775	56.7	123.6	GGGG		12	30
06940W	4312N	2594-14350	00000/0000	2-10022/0613	09/07/76	10	8281	44.1	135.6	FGGG		12	30
06941W	4314N	2720-14302	00000/0000	2-10026/0406	01/11/77	50	38	17.8	146.9	GGGG		12	30
06941W	4313N	2702-14310	00000/0000	2-10025/1497	12/24/76	10	9787	17.2	149.6	GGGG		12	30
06942W	4307N	2414-14400	00000/0000	2-10016/1017	03/11/76	90	5771	35.1	139.6	G GG		12	30
06942W	4305N	2504-14372	00000/0000	2-10019/0748	06/09/76	10	7026	58.1	119.3	GF GG		12	30
06943W	4303N	2396-14403	00000/0000	2-10016/0020	02/22/76	100	5520	28.7	142.4	GGGG		12	30
06943W	4302N	2540-14363	00000/0000	2-10020/0931	07/15/76	70	7528	55.7	118.9	GGGG		12	30
06944W	4307N	2612-14343	00000/0000	2-10022/1376	09/25/76	20	8532	38.8	141.7	FFFF		12	30
06944W	4300N	2522-14370	00000/0000	2-10020/0060	06/27/76	90	7277	57.6	117.5	FGGG		12	30
06946W	4303N	2648-14331	00000/0000	2-10024/0208	10/31/76	100	9034	27.5	149.9	GGGG		12	30
06946W	3858N	2719-14255	00000/0000	2-10026/0375	01/10/77	100	24	20.8	145.2	GGGG		12	30
06947W	4301N	2630-14335	00000/0000	2-10023/0797	10/13/76	10	8783	33.1	146.6	FFGG		12	30
06948W	4258N	2378-14410	00000/0000	2-10015/0451	02/04/76	70	5269	23.4	145.4	GGGG		12	30
06956W	4607N	2451-14434	00000/0000	2-10018/0001	04/17/76	80	6287	46.9	136.2	GGGG		13	28
06957W	4608N	2577-14432	00000/0000	2-10021/1225	08/21/76	30	8044	47.1	133.0	GGGG		13	28
06957W	4606N	2469-14431	00000/0000	2-10018/0580	05/05/76	10	6538	52.2	132.4	GGGG		13	28
06958W	4605N	2703-14355	00000/0000	2-10025/1604	12/25/76	60	9801	15.0	150.7	GGGG		13	28
06958W	4605N	2721-14351	00000/0000	2-10026/0413	01/12/77	50	52	15.9	148.0	GGFG		13	28
06958W	4603N	2433-14442	00000/0000	2-10017/0583	03/30/76	90	6036	40.5	139.1	GGGG		13	28
06959W	4556N	2487-14425	00000/0000	2-10018/1348	05/23/76	90	6789	55.7	127.9	GGGF		13	28
07000W	4600N	2685-14364	00000/0000	2-10025/1019	12/07/76	100	9550	16.5	152.5	FGGG		13	28
07001W	4601N	2559-14405	00000/0000	2-10021/0514	08/03/76	10	7793	51.4	127.5	GGGG		13	28
07001W	4601N	2595-14395	00000/0000	2-10022/0621	09/08/76	30	8295	42.2	138.8	GGG		13	28
07002W	4555N	2541-14412	00000/0000	2-10020/1067	07/16/76	20	7542	54.7	123.7	GGGG		13	28
07003W	4551N	2523-14415	00000/0000	2-10020/0163	06/28/76	40	7291	56.7	122.4	GGGG		13	28
07004W	4555N	2415-14445	00000/0000	2-10016/1058	03/12/76	0	5785	33.7	141.6	GGGG		13	28
07004W	4555N	2667-14372	00000/0000	2-10025/0410	11/19/76	90	9299	20.0	152.9	GGGG		13	28
07004W	4553N	2505-14422	00000/0000	2-10019/0956	06/10/76	40	7040	57.2	124.1	GGGG		13	28
07005W	4600N	2613-14392	00000/0000	2-10023/0051	09/26/76	60	8546	36.5	144.3	GGGG		13	28
07005W	4153N	2450-14392	00000/0000	2-10017/1452	04/16/76	70	6273	48.8	131.4	GGGG		12	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US

PAGE 0436

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS						123 45678				
07006W	4555N	2631-14384	00000/0000	2-10023/0861	10/14/76	90	8797	30.7	148.7	FGGG		13	28
07006W	4553N	2649-14380	00000/0000	2-10024/0252	11/01/76	90	9048	25.0	151.6	GGGG		13	28
07007W	4551N	2397-14453	00000/0000	2-10016/0293	02/23/76	20	5534	27.2	144.0	GGGG		13	28
07007W	4150N	2468-14385	00000/0000	2-10018/0547	05/04/76	10	6524	53.9	126.6	GGGG		12	31
07008W	4148N	2432-14395	00000/0000	2-10017/0594	03/29/76	30	6022	42.6	135.2	F GG		12	31
07009W	4545N	2379-14455	00000/0000	2-10015/0488	02/05/76	10	5283	21.7	146.7	GFFF		13	28
07009W	4150N	2576-14355	00000/0000	2-10022/0058	08/20/76	0	8030	49.4	127.4	GGGF		12	31
07009W	4142N	2486-14332	00000/0000	2-10018/1402	05/22/76	10	6775	57.2	121.2	GGGG		12	31
07010W	4146N	2558-14362	00000/0000	2-10021/0462	08/02/76	50	7779	53.2	121.1	GGGG		12	31
07010W	4145N	2684-14321	00000/0000	2-10025/0979	12/06/76	40	9536	20.0	150.7	GGGG		12	31
07011W	4146N	2594-14352	00000/0000	2-10022/0614	09/07/76	10	8281	44.9	134.1	FGGG		12	31
07012W	4149N	2720-14304	00000/0000	2-10026/0407	01/11/77	40	38	18.9	146.3	GGGG		12	31
07012W	4148N	2702-14312	00000/0000	2-10025/1498	12/24/76	10	9787	18.3	149.0	GGGG		12	31
07013W	4142N	2414-14403	00000/0000	2-10016/1018	03/11/76	90	5771	36.0	138.5	G GG		12	31
07013W	4139N	2504-14375	00000/0000	2-10019/0749	06/09/76	10	7026	58.5	116.8	GGGG		12	31
07013W	4138N	2540-14370	00000/0000	2-10020/0932	07/15/76	60	7528	56.1	116.6	GGGG		12	31
07014W	4135N	2522-14373	00000/0000	2-10020/0061	06/27/76	80	7277	58.0	114.9	GFGG		12	31
07015W	4141N	2612-14345	00000/0000	2-10022/1377	09/25/76	10	8532	39.7	140.4	FFGF		12	31
07015W	4138N	2396-14410	00000/0000	2-10016/0021	02/22/76	100	5520	29.6	141.5	GGGG		12	31
07017W	4138N	2648-14334	00000/0000	2-10024/0209	10/31/76	90	9034	28.5	149.1	GGGG		12	31
07018W	4137N	2666-14330	00000/0000	2-10025/0357	11/18/76	70	9285	23.6	150.8	GGGG		12	31
07018W	4135N	2630-14342	00000/0000	2-10023/0798	10/13/76	10	8783	34.1	145.6	GFGG		12	31
07019W	4133N	2378-14412	00000/0000	2-10015/0452	02/04/76	50	5269	24.4	144.6	GGGG		12	31
07026W	4830N	2380-14505	00000/0000	2-10015/0555	02/06/76	10	5297	20.0	148.0	GGGG		14	26
07029W	4442N	2451-14441	00000/0000	2-10018/0002	04/17/76	40	6287	47.7	134.5	GGGG		13	29
07030W	4443N	2577-14404	00000/0000	2-10021/1226	08/21/76	10	8044	47.8	131.3	FGGG		13	29
07030W	4440N	2469-14434	00000/0000	2-10018/0581	05/05/76	10	6538	52.8	130.4	GGGG		13	29
07032W	4440N	2721-14353	00000/0000	2-10026/0414	01/12/77	30	52	16.9	147.4	FFGG		13	29
07032W	4438N	2433-14444	00000/0000	2-10017/0584	03/30/76	80	6036	41.4	137.8	GGGG		13	29
07033W	4431N	2487-14431	00000/0000	2-10018/1349	05/23/76	90	6789	56.3	125.6	GGGG		13	29
07034W	4435N	2685-14370	00000/0000	2-10025/1020	12/07/76	100	9550	17.6	151.8	FGGG		13	29
07035W	4437N	2595-14402	00000/0000	2-10022/0622	09/08/76	10	8295	43.0	137.4	GGG		13	29
07035W	4436N	2559-14412	00000/0000	2-10021/0515	08/03/76	10	7793	52.0	125.5	GGGG		13	29
07035W	4431N	2541-14415	00000/0000	2-10020/1068	07/16/76	20	7542	55.1	121.4	GGGG		13	29
07036W	4426N	2523-14422	00000/0000	2-10020/0164	06/28/76	50	7291	57.2	120.0	GGGG		13	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0437

PRINCIPAL POINT OF IMAGE	PRESERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLCUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT	RBV	MSS						123 45678				
07036W	4027N	2450-14394	00000/0000	2-10017/1453	04/16/76	100	6273	49.5	129.6	GGGG		12	32
07037W	4431N	2667-14375	00000/0000	2-10025/0411	11/19/76	80	9299	21.2	152.2	GGGG		13	29
07037W	4428N	2505-14425	00000/0000	2-10019/0957	06/10/76	10	7040	57.7	121.7	GGGG		13	29
07038W	4435N	2613-14394	00000/0000	2-10023/0052	09/26/76	70	8546	37.5	143.2	FGGG		13	29
07038W	4430N	2415-14452	00000/0000	2-10016/1059	03/12/76	0	5785	34.6	140.5	GGGG		13	29
07038W	4025N	2468-14391	00000/0000	2-10018/0548	05/04/76	10	6524	54.5	124.5	GGGG		12	32
07039W	4410N	2631-14391	00000/0000	2-10023/0862	10/14/76	80	8797	31.7	147.8	GGGG		13	29
07039W	4408N	2649-14383	00000/0000	2-10024/0253	11/01/76	80	9048	26.1	150.9	GGGG		13	29
07039W	4024N	2576-14362	00000/0000	2-10022/0059	08/20/76	0	8030	50.0	125.5	FFGF		12	32
07039W	4023N	2432-14402	00000/0000	2-10017/0600	03/29/76	10	6022	43.4	133.8	GGGF		12	32
07039W	4016N	2486-14385	00000/0000	2-10018/1403	05/22/76	10	6775	57.7	118.7	GG G		12	32
07040W	4020N	2634-14323	00000/0000	2-10025/0980	12/06/76	30	9536	21.1	150.0	GGGG		12	32
07041W	4426N	2397-14455	00000/0000	2-10016/0294	02/23/76	10	5534	28.1	143.1	GGGG		13	29
07041W	4022N	2702-14315	00000/0000	2-10021/1499	12/24/76	30	9787	19.3	148.4	GGGG		12	32
07041W	4020N	2558-14365	00000/0000	2-10021/0463	08/02/76	60	7779	53.7	119.0	GGGG		12	32
07042W	4023N	2720-14311	00000/0000	2-10026/0408	01/11/77	90	38	19.9	145.6	GGGG		12	32
07042W	4021N	2594-14355	00000/0000	2-10022/0615	09/07/76	10	8281	45.6	132.6	FFGG		12	32
07043W	4420N	2379-14462	00000/0000	2-10015/0489	02/05/76	40	5283	22.7	145.9	GFFF		13	29
07043W	4016N	2414-14405	00000/0000	2-10016/1022	03/11/76	90	5771	36.8	137.3	GPFG		12	32
07043W	4012N	2540-14372	00000/0000	2-10020/0933	07/15/76	10	7528	56.5	114.2	GGGG		12	32
07044W	4010N	2522-14375	00000/0000	2-10020/0062	06/27/76	30	7277	58.3	112.4	FGGG		12	32
07045W	4734N	2452-14490	00000/0000	2-10017/1517	04/18/76	90	6301	46.4	137.7	GGGG		14	27
07045W	4016N	2612-14352	00000/0000	2-10022/1378	09/25/76	10	8532	40.6	139.2	FFGG		12	32
07045W	4012N	2396-14412	00000/0000	2-10016/0022	02/22/76	100	5520	30.6	140.6	GGGG		12	32
07047W	4012N	2648-14340	00000/0000	2-10024/0210	10/31/76	90	9034	29.6	148.3	GGGG		12	32
07047W	4012N	2666-14332	00000/0000	2-10025/0358	11/18/76	50	9285	24.7	150.1	GGGG		12	32
07048W	4726N	2470-14483	00000/0000	2-10018/0654	05/06/76	40	6552	51.7	134.0	GGGG		14	27
07049W	4729N	2434-14494	00000/0000	2-10017/0719	03/31/76	100	6050	40.0	140.3	GGGG		14	27
07049W	4010N	2630-14344	00000/0000	2-10023/0799	10/13/76	10	8783	35.1	144.6	GGGF		12	32
07049W	4008N	2378-14415	00000/0000	2-10015/0453	02/04/76	20	5269	25.4	143.8	GGGG		12	32
07050W	4731N	2578-14454	00000/0000	2-10021/1171	08/22/76	40	8058	46.1	135.0	FGGG		14	27
07050W	4726N	2566-14461	00000/0000	2-10021/0525	08/04/76	10	7807	50.5	129.8	GGGG		14	27
07052W	4729N	2704-14411	00000/0000	2-10025/1614	12/26/76	90	9815	14.0	151.1	FFGG		14	27
07053W	4720N	2488-14481	00000/0000	2-10018/1373	05/24/76	90	6803	55.2	129.9	FGGG		14	27
07053W	4719N	2542-14464	00000/0000	2-10020/1029	07/17/76	70	7556	54.0	126.0	GGGG		14	27

KEYS: CLCUD COVER % ..... 0 TO 100 = % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0438

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLBD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07053W	4717N	2506-14474	00000/0000	2-10019/0836	06/11/76	80	7054	56.6	126.3	GGGG		14	27
07054W	4729N	2596-14451	00000/0000	2-10027/0555	09/09/76	10	8309	41.0	140.5	GGGG		14	27
07054W	4721N	2416-14501	00000/0000	2-10016/1069	03/13/76	100	5799	33.2	142.6	GGGG		14	27
07055W	4715N	2524-14471	00000/0000	2-10020/0174	06/29/76	90	7305	56.1	124.8	GGGG	H	14	27
07057W	4723N	2614-14444	00000/0000	2-10023/0107	09/27/76	80	8560	35.3	145.7	GGGG		14	27
07057W	4718N	2398-14504	00000/0000	2-10016/0304	02/24/76	70	5548	26.5	144.8	GGGG		14	27
07057W	4717N	2650-14432	00000/0000	2-10024/0180	11/02/76	90	9062	23.6	152.5	GGGG		14	27
07058W	4720N	2668-14424	00000/0000	2-10025/0423	11/20/76	70	9313	18.7	153.6	GGGG		14	27
07059W	4717N	2632-14440	00000/0000	2-10023/0871	10/15/76	60	8811	29.3	149.8	GGGG		14	27
07101W	4317N	2451-14443	00000/0000	2-10018/0003	04/17/76	10	6287	48.4	132.8	GGGG		13	30
07102W	4318N	2577-14411	00000/0000	2-10021/1227	08/21/76	10	8044	48.5	129.6	FFGG		13	30
07102W	4315N	2469-14440	00000/0000	2-10018/0582	05/05/76	0	6538	53.5	128.4	FFGG		13	30
07103W	4706N	2380-14511	00000/0000	2-10015/0556	02/06/76	40	5297	21.0	147.2	GGGG		14	27
07105W	4315N	2721-14360	00000/0000	2-10026/0415	01/12/77	20	52	17.9	146.7	GGGG		13	30
07105W	4312N	2433-14451	00000/0000	2-10017/0585	03/30/76	80	6036	42.2	136.4	GGGG		13	30
07105W	4306N	2487-14434	00000/0000	2-10018/1350	05/23/76	30	6789	56.8	123.3	GGGG		13	30
07105W	3901N	2450-14401	00000/0000	2-10017/1454	04/16/76	80	6273	50.2	127.8	GGGG		12	33
07106W	4314N	2703-14364	00000/0000	2-10025/1605	12/25/76	50	9801	17.2	149.5	GGGG		13	30
07107W	4311N	2559-14414	00000/0000	2-10021/0516	08/03/76	10	7793	52.5	123.5	GGGG		13	30
07107W	3859N	2468-14394	00000/0000	2-10018/0549	05/04/76	20	6524	55.0	122.3	GGGG		12	33
07108W	4311N	2595-14404	00000/0000	2-10022/0623	09/08/76	10	8295	43.8	135.9	GGGG		13	30
07108W	4310N	2685-14373	00000/0000	2-10025/1021	12/07/76	100	9550	18.7	151.2	GGGG		13	30
07108W	4305N	2541-14421	00000/0000	2-10020/1069	07/16/76	20	7542	55.6	119.1	GGGG		13	30
07108W	3858N	2576-14364	00000/0000	2-10022/0060	08/20/76	10	8030	50.6	123.7	FFFF		12	33
07108W	3857N	2432-14404	00000/0000	2-10017/0601	03/29/76	10	6022	44.2	132.4	GGGG		12	33
07109W	4306N	2667-14381	00000/0000	2-10025/0412	11/19/76	30	9299	22.3	151.5	GGGG		13	30
07109W	4303N	2505-14431	00000/0000	2-10019/0958	06/10/76	10	7040	58.1	119.1	GGGG		13	30
07109W	4302N	2523-14424	00000/0000	2-10020/0165	06/28/76	20	7291	57.6	117.5	GGGG		13	30
07109W	3850N	2486-14391	00000/0000	2-10018/1404	05/22/76	10	6775	58.0	116.3	GGGG		12	33
07110W	4309N	2613-14401	00000/0000	2-10023/0053	09/26/76	70	8546	38.4	142.0	FFGG		13	30
07110W	4305N	2415-14454	00000/0000	2-10016/1060	03/12/76	0	5785	35.5	139.4	GGGG		13	30
07110W	3857N	2702-14321	00000/0000	2-10025/1500	12/24/76	80	9787	20.4	147.8	GGGG		12	33
07110W	3855N	2558-14371	00000/0000	2-10021/0464	08/02/76	30	7779	54.1	116.8	GGGG		12	33
07110W	3855N	2684-14330	00000/0000	2-10025/0981	12/06/76	60	9536	22.1	149.4	GGGG		12	33
07111W	4301N	2649-14385	00000/0000	2-10024/0254	11/01/76	60	9048	27.2	150.1	GGGG		13	30

KEYS: CLBD COVER % ..... 0 TO 100 = % CLBD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=RAW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0439

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07111N	3855N	2594-14361	00000/0000	2-10022/0616	09/07/76	10	8281	46.4	131.0	GGGG		12	33
07112N	4305N	2631-14393	00000/0000	2-10023/0859	10/14/76	50	8797	32.7	146.8	G GF		13	30
07112N	3857N	2720-14313	00000/0000	2-10026/0409	01/11/77	90	38	20.9	145.0	GGGG		12	33
07112N	3852N	2414-14412	00000/0000	2-10016/1023	03/11/76	80	5771	37.7	136.2	GGGG		12	33
07112N	3847N	251-14375	00000/0000	2-10020/0934	07/15/76	20	7528	56.8	111.8	GGGG		12	33
07113N	4301N	2397-14462	00000/0000	2-10016/0295	02/23/76	0	5534	29.1	142.2	GGGG		13	30
07113N	3844N	2522-14382	00000/0000	2-10020/0063	05/27/76	30	7277	58.5	109.8	FGGF		12	33
07114N	3850N	2612-14354	00000/0000	2-10022/1379	09/25/76	20	8532	41.5	138.0	GGFG		12	33
07115N	4255N	2379-14464	00000/0000	2-10015/0490	02/05/76	60	5283	23.7	145.2	GFFF		13	30
07115N	3847N	2396-14415	00000/0000	2-10016/0023	02/22/76	100	5520	31.5	139.7	GGGG		12	33
07116N	3847N	2666-14335	00000/0000	2-10025/0359	11/18/76	80	9285	25.8	149.4	GGGG		12	33
07116N	3846N	2648-14343	00000/0000	2-10024/0211	10/31/76	80	9034	30.6	147.5	GGGG		12	33
07117N	3845N	2630-14351	00000/0000	2-10023/0800	10/13/76	10	8783	36.1	143.6	FGGF		12	33
07118N	3842N	2378-14421	00000/0000	2-10015/0454	02/04/76	10	5269	26.3	143.1	GGGG		12	33
07120N	4609N	2452-14493	00000/0000	2-10017/1518	04/18/76	30	6301	47.2	136.0	GGGG		14	28
07123N	4601N	2470-14490	00000/0000	2-10018/0655	05/06/76	90	6552	52.4	132.1	GGGG		14	28
07124N	4604N	2434-14500	00000/0000	2-10017/0720	03/31/76	80	6050	40.9	139.0	GGGG		14	28
07125N	4606N	2578-14460	00000/0000	2-10021/1172	08/22/76	30	8058	46.9	133.3	FGGG		14	28
07125N	4601N	2560-14463	00000/0000	2-10021/0526	08/04/76	10	7807	51.2	127.8	GGGG		14	28
07127N	4604N	2704-14413	00000/0000	2-10025/1615	12/26/76	90	9815	15.0	150.5	FFGG		14	28
07128N	4559N	2686-14422	00000/0000	2-10025/1051	12/08/76	10	9564	16.4	152.4	GGGG		14	28
07128N	4555N	2488-14483	00000/0000	2-10018/1374	05/24/76	90	6803	55.8	127.7	FGGG		14	28
07128N	4555N	2542-14471	00000/0000	2-10020/1030	07/17/76	70	7556	54.5	123.8	FGGG		14	28
07128N	4552N	2506-14481	00000/0000	2-10019/0837	06/11/76	90	7054	57.2	123.9	FGGG		14	28
07129N	4604N	2596-14453	00000/0000	2-10022/0556	09/09/76	10	8309	41.8	139.2	GGGG		14	28
07129N	4557N	2416-14504	00000/0000	2-10016/1070	03/13/76	100	5799	34.1	141.5	GGGG		14	28
07130N	4550N	2524-14474	00000/0000	2-10020/0175	06/29/76	90	7305	56.6	122.4	GGGG		14	28
07132N	4557N	2614-14450	00000/0000	2-10023/0108	09/27/76	90	8560	36.2	144.6	GGGG		14	28
07132N	4553N	2398-14511	00000/0000	2-10016/0305	02/24/76	90	5548	27.5	143.9	GGGG		14	28
07132N	4552N	2650-14435	00000/0000	2-10024/0181	11/02/76	80	9062	24.7	151.8	FGGF		14	28
07132N	4151N	2451-14450	00000/0000	2-10018/0004	04/17/76	10	6287	49.2	131.1	FFFG		13	31
07133N	4555N	2668-14430	00000/0000	2-10025/0424	11/20/76	90	9313	19.8	152.9	GGGG		14	28
07133N	4152N	2577-14413	00000/0000	2-10021/1228	08/21/76	10	8044	49.2	127.8	FFFG		13	31
07133N	4150N	2469-14443	00000/0000	2-10018/0583	05/05/76	10	6538	54.1	126.3	GGGG		13	31
07134N	4552N	2632-14443	00000/0000	2-10023/0872	10/15/76	90	8811	30.4	148.9	GGGG		14	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER,  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0440

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	SBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07134W	3736N	2450-14403	00000/0000	2-10017/1455	04/16/76	40	6273	50.8	126.0	GGGG	12	34
07135W	3733N	2468-14400	00000/0000	2-10018/0550	05/04/76	40	6524	55.5	120.1	GGGG	12	34
07136W	4147N	2433-14453	00000/0000	2-10017/0586	03/30/76	80	6036	43.0	135.0	GGGG	13	31
07136W	4140N	2487-14440	00000/0000	2-10018/1351	05/23/76	10	6789	57.3	120.9	GGGG	13	31
07136W	3732N	2432-14411	00000/0000	2-10017/0602	03/29/76	10	6022	44.9	130.9	GGGG	12	34
07136W	3732N	2576-14371	00000/0000	2-10022/0061	08/20/76	10	8030	51.1	121.8	FFFF	12	34
07137W	4541N	2380-14514	00000/0000	2-10015/0557	02/06/76	50	5297	22.0	146.5	GGFG	14	28
07137W	4149N	2721-14362	00000/0000	2-10026/0416	01/12/77	90	52	19.0	146.1	GGGG	13	31
07137W	4148N	2703-14371	00000/0000	2-10025/1606	12/25/76	80	9801	18.3	148.9	GGGG	13	31
07137W	3730N	2558-14374	00000/0000	2-10021/0465	08/02/76	40	7779	54.4	114.6	GGGG	12	34
07138W	4140N	2541-14424	00000/0000	2-10020/1070	07/16/76	10	7542	56.0	116.8	GGGG	13	31
07138W	3725N	2486-14394	00000/0000	2-10018/1405	05/22/76	10	6775	58.4	113.8	GGGG	13	31
07139W	4146N	2559-14421	00000/0000	2-10021/0517	08/03/76	10	7793	53.0	121.4	GGGG	13	31
07139W	4146N	2595-14411	00000/0000	2-10022/0624	09/08/76	10	8295	44.6	134.5	GGGG	13	31
07139W	4144N	2685-14375	00000/0000	2-10025/1022	12/07/76	100	9550	19.8	150.6	GGGG	13	31
07139W	4137N	2523-14431	00000/0000	2-10020/0166	06/28/76	40	7291	57.9	115.0	FGGG	13	31
07139W	3731N	2702-14324	00000/0000	2-10025/1501	12/24/76	90	9787	21.5	147.2	GGGG	12	34
07139W	3729N	2654-14332	00000/0000	2-10025/0982	12/06/76	50	9536	23.2	148.8	GGGG	12	34
07140W	4141N	2667-14384	00000/0000	2-10025/0413	11/19/76	0	9299	23.4	150.9	FFGG	13	31
07140W	4138N	2505-14434	00000/0000	2-10019/0959	06/10/76	10	7040	58.5	116.6	FGGG	13	31
07140W	3731N	2720-14320	00000/0000	2-10026/0410	01/11/77	90	38	21.9	144.4	GGGG	12	34
07140W	3730N	2594-14364	00000/0000	2-10022/0617	09/07/76	10	8281	47.1	129.5	FGGG	12	34
07140W	3726N	2414-14414	00000/0000	2-10016/1024	03/11/76	40	5771	38.5	135.0	GGGG	12	34
07140W	3721N	2540-14381	00000/0000	2-10020/0935	07/15/76	10	7528	57.0	109.4	GGGG	12	34
07141W	4143N	2613-14403	00000/0000	2-10023/0054	09/26/76	70	8546	39.4	140.8	GGGG	13	31
07141W	4140N	2415-14461	00000/0000	2-10016/1061	03/12/76	0	5785	36.4	138.3	FGGG	13	31
07141W	3719N	2522-14384	00000/0000	2-10020/0064	06/27/76	60	7277	58.7	107.2	GGGG	12	34
07142W	3724N	2612-14361	00000/0000	2-10022/1380	09/25/76	30	8532	42.3	136.7	GGGG	12	34
07143W	4140N	2631-14400	00000/0000	2-10023/0863	10/14/76	40	8797	33.7	145.9	GGGG	13	31
07143W	4136N	2649-14392	00000/0000	2-10024/0255	11/01/76	20	9048	28.2	149.3	GGGG	13	31
07143W	3722N	2396-14421	00000/0000	2-10016/0024	02/22/76	100	5520	32.4	138.7	GGGG	12	34
07144W	3722N	2668-14341	00000/0000	2-10025/0360	11/18/76	80	9285	26.9	148.7	GGGG	12	34
07144W	3721N	2648-14345	00000/0000	2-10024/0212	10/31/76	70	9034	31.7	146.7	GGGG	12	34
07145W	4136N	2397-14464	00000/0000	2-10016/0296	02/23/76	10	5534	30.0	141.3	GGGG	13	31
07145W	3719N	2630-14353	00000/0000	2-10023/0792	10/13/76	50	8783	37.1	142.6	F GG	12	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FBR IIS

PAGE 0441

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS		%				123 45678				
07146A	4130N	2379-14471	00000/0000	2-10015/0491	02/05/76	90	5283	24.7	144.4	GGPP		13	31
07146A	3717N	2378-14424	00000/0000	2-10015/0455	02/04/76	10	5269	27.3	142.3	GGGG		12	34
07152A	4830N	2381-14563	00000/0000	2-10015/0627	02/07/76	20	5311	20.3	147.8	FFGG		15	26
07154A	4443N	2452-14495	00000/0000	2-10017/1519	04/18/76	10	6301	48.0	134.3	GGGG		14	29
07157A	4439N	2434-14503	00000/0000	2-10017/0721	03/31/76	60	6050	41.7	137.6	GGGG		14	29
07157A	4436N	2470-14492	00000/0000	2-10018/0656	05/06/76	80	6552	53.1	130.0	GGGG		14	29
07159A	4440N	2578-14463	00000/0000	2-10021/1173	08/22/76	10	8058	47.6	131.6	GGGG		14	29
07159A	4436N	2560-14470	00000/0000	2-10021/0527	08/04/76	20	7807	51.8	125.8	GGGG		14	29
07201A	4438N	2704-14420	00000/0000	2-10025/1616	12/26/76	90	9815	16.1	149.9	FFGG		14	29
07201A	4430N	2488-14490	00000/0000	2-10018/1375	05/24/76	90	6803	56.4	125.3	GGGG		14	29
07201A	4428N	2506-14483	00000/0000	2-10019/0838	06/11/76	60	7054	57.7	121.5	GGGG		14	29
07201A	3610N	2450-14410	00000/0000	2-10017/1456	04/16/76	40	6273	51.4	124.1	GGGG		12	35
07202A	4438N	2596-14460	00000/0000	2-10022/0557	09/09/76	10	8309	42.7	137.8	GGGG		14	29
07202A	4434N	2686-14424	00000/0000	2-10025/1052	12/08/76	10	9564	17.5	151.8	GGGG		14	29
07202A	4432N	2416-14510	00000/0000	2-10016/1071	03/13/76	90	5799	35.0	140.4	GGGG		14	29
07202A	4429N	2542-14473	00000/0000	2-10020/1031	07/17/76	80	7556	55.0	121.6	GGGG		14	29
07202A	3607N	2468-14403	00000/0000	2-10018/0551	05/04/76	80	6524	55.9	117.8	GGGG		12	35
07203A	4426N	2524-14480	00000/0000	2-10020/0176	06/29/76	90	7305	57.1	119.9	GGGG	H	14	29
07203A	4024N	2469-14445	00000/0000	2-10018/0584	05/05/76	0	6538	54.7	124.1	GGGG		13	32
07204A	3607N	2576-14373	00000/0000	2-10022/0062	08/20/76	30	8030	51.6	119.8	GGGG		12	35
07204A	3606N	2432-14413	00000/0000	2-10017/0603	03/29/76	10	6022	45.6	129.4	GGGG		12	35
07204A	3603N	2558-14330	00000/0000	2-10021/0466	08/02/76	70	7779	54.7	112.4	GGGG		12	35
07205A	4432N	2614-14453	00000/0000	2-10023/0109	09/27/76	90	8560	37.2	143.4	GGGG		14	29
07205A	3559N	2486-14400	00000/0000	2-10018/1406	05/22/76	30	6775	58.7	111.2	GGGG		12	35
07206A	4430N	2668-14433	00000/0000	2-10025/0425	11/20/76	90	9313	20.9	152.2	GGGG		14	29
07206A	4428N	2398-14513	00000/0000	2-10016/0306	02/24/76	80	5548	28.5	143.0	GGGG		14	29
07206A	4427N	2650-14441	00000/0000	2-10024/0182	11/02/76	60	9062	25.8	151.0	GGGG		14	29
07206A	4022N	2433-14460	00000/0000	2-10017/0587	03/30/76	60	6036	43.8	133.6	GGGG		13	32
07206A	4015N	2487-14443	00000/0000	2-10018/1352	05/23/76	10	6789	57.8	118.4	GGGG		13	32
07207A	3606N	2702-14330	00000/0000	2-10025/1502	12/24/76	90	9787	22.5	146.5	GGGG		12	35
07207A	3603N	2684-14335	00000/0000	2-10025/0953	12/06/76	80	9536	24.3	148.1	GGGG		12	35
07207A	3601N	2414-14421	00000/0000	2-10016/1025	03/11/76	30	5771	39.3	133.8	GGGG		12	35
07207A	3556N	2540-14384	00000/0000	2-10020/0936	07/15/76	20	7528	57.2	106.9	GGGG		12	35
07208A	4427N	2632-14445	00000/0000	2-10023/0873	10/15/76	40	8811	31.4	148.0	GGGG		14	29
07208A	4023N	2721-14365	00000/0000	2-10026/0417	01/12/77	90	52	20.0	145.5	GGGG		13	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0442

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07208N	4022N	2703-14373	00000/0000	2-10025/1607	12/25/76	60	9801	19.3	148.2	GGGG		13	32
07208N	4015N	2541-14430	00000/0000	2-10020/1071	07/16/76	30	7542	56.3	114.4	GGGG		13	32
07208N	3605N	2720-14322	00000/0000	2-10026/0411	01/11/77	90	38	22.9	143.7	GGGG		12	35
07208N	3604N	2594-14370	00000/0000	2-10022/0618	09/07/76	10	8281	47.8	127.8	GGGG		12	35
07208N	3553N	2522-14391	00000/0000	2-10020/0065	06/27/76	80	7277	58.8	104.6	GGGG		12	35
07209N	4020N	2595-14413	00000/0000	2-10022/0625	09/08/76	10	8295	45.4	133.0	GGGG		13	32
07209N	4019N	2559-14423	00000/0000	2-10021/0518	08/03/76	50	7793	53.5	119.3	GGGG		13	32
07209N	4011N	2523-14433	00000/0000	2-10020/0167	06/28/76	40	7291	58.2	112.5	FGGG		13	32
07210N	4416N	2380-14520	00000/0000	2-10015/0558	02/06/76	70	5297	23.0	145.7	GGFF		14	29
07210N	4018N	2685-14382	00000/0000	2-10025/1023	12/07/76	100	9550	20.9	150.0	FGGG		13	32
07210N	4015N	2667-14390	00000/0000	2-10025/0414	11/19/76	10	9299	24.4	150.2	GGGG		13	32
07210N	4013N	2505-14440	00000/0000	2-10019/0960	06/10/76	30	7040	58.8	114.0	FGGG		13	32
07210N	3558N	2612-14363	00000/0000	2-10022/1381	09/25/76	30	8532	43.1	135.4	GGFG		12	35
07210N	3556N	2396-14424	00000/0000	2-10016/0025	02/22/76	100	5520	33.2	137.8	GGGF		12	35
07211N	4735N	2453-14544	00000/0000	2-10017/1588	04/19/76	70	6315	46.7	137.5	GGGG		15	27
07211N	4017N	2613-14410	00000/0000	2-10023/0055	09/26/76	80	8546	40.3	139.6	GGGG		13	32
07211N	4014N	2415-14463	00000/0000	2-10016/1062	03/12/76	10	5785	37.2	137.1	GGG		13	32
07211N	3556N	2648-14352	00000/0000	2-10024/0213	10/31/76	70	9034	32.7	145.8	GGGG		12	35
07211N	3556N	2666-14344	00000/0000	2-10025/0361	11/18/76	50	9285	27.9	148.0	GGGG		12	35
07212N	4729N	2471-14542	00000/0000	2-10018/0717	05/07/76	100	6566	51.9	133.9	GGGG		15	27
07212N	3553N	2630-14360	00000/0000	2-10023/0793	10/13/76	70	8783	38.0	141.5	G GG		12	35
07213N	4015N	2631-14402	00000/0000	2-10023/0864	10/14/76	30	8797	34.7	144.9	GGGG		13	32
07213N	4011N	2649-14394	00000/0000	2-10024/0256	11/01/76	50	9048	29.3	148.5	FGGG		13	32
07213N	3551N	2378-14430	00000/0000	2-10015/0456	02/04/76	10	5269	28.2	141.5	GGGG		12	35
07215N	4733N	2579-14512	00000/0000	2-10021/1322	08/23/76	80	8072	45.8	135.3	GGGG		15	27
07215N	4010N	2397-14471	00000/0000	2-10016/0297	02/23/76	20	5534	30.9	140.4	GGGG		13	32
07216N	4004N	2379-14473	00000/0000	2-10015/0492	02/05/76	100	5283	25.7	143.6	GGPF		13	32
07217N	4724N	2417-14555	00000/0000	2-10016/1181	03/14/76	10	5813	33.5	142.5	GGGG		15	27
07217N	4724N	2489-14535	00000/0000	2-10019/0159	05/25/76	80	6817	55.3	129.8	GGGG		15	27
07218N	4732N	2705-14465	00000/0000	2-10026/0007	12/27/76	60	9829	13.9	151.0	FGGG		15	27
07218N	4730N	2723-14461	00000/0000	2-10026/0518	01/14/77	0	80	15.1	148.3	GGGG		15	27
07218N	4726N	2435-14552	00000/0000	2-10017/0732	04/01/76	100	6064	40.4	140.2	GGGG		15	27
07218N	4725N	2561-14515	00000/0000	2-10021/0620	08/05/76	90	7821	50.3	130.0	GGGG		15	27
07219N	4727N	2597-14505	00000/0000	2-10022/0817	09/10/76	90	8323	40.7	140.8	GGGG		15	27
07220N	4723N	2615-14502	00000/0000	2-10023/0122	09/28/76	60	8574	34.9	146.0	GGG		15	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR LIS  
FROM 01/22/76 TO 01/22/77

PAGE 0443

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07220.	4720N	2543-14522	00000/0000	2-10020/1094	07/18/76	80	7570	53.8	126.2	GFFF		15	27
07221.	4716N	2507-14532	00000/0000	2-10019/0848	06/12/76	70	7068	56.7	126.2	GGGG		15	27
07221.	4716N	2525-14525	00000/0000	2-10020/0261	06/30/76	70	7319	56.0	124.8	GGGG		15	27
07222.	4718N	2399-14563	00000/0000	2-10014/0384	02/25/76	70	5562	26.9	144.7	GGGG		15	27
07224.	4717N	2651-14490	00000/0000	2-10024/0343	11/03/76	90	9076	23.3	152.6	GGGG		15	27
07225.	4717N	2633-14494	00000/0000	2-10023/0886	10/16/76	80	8825	29.0	150.0	GGGG		15	27
07227.	4317N	2452-14502	00000/0000	2-10017/1520	04/18/76	10	6301	48.8	132.6	GGGG		14	30
07228.	4705N	2381-14570	00000/0000	2-10015/0628	02/07/76	0	5311	21.3	147.1	GGGG		15	27
07229.	4310N	2470-14495	00000/0000	2-10018/0657	05/06/76	10	6552	53.8	128.0	GGGG		14	30
07231.	4315N	2578-14465	00000/0000	2-10021/1174	08/22/76	10	8058	48.3	129.9	FGGG		14	30
07231.	4311N	2560-14472	00000/0000	2-10021/0528	06/04/76	50	7807	52.3	123.8	GGGG		14	30
07231.	3900N	2451-14455	00000/0000	2-10018/0005	04/17/76	10	6287	50.5	127.5	GGFF		13	33
07232.	3858N	2469-14452	00000/0000	2-10018/0585	05/05/76	0	6538	55.2	121.9	PGGG		13	33
07233.	4313N	2704-14422	00000/0000	2-10025/1617	12/26/76	90	9815	17.2	149.3	PFGG		14	30
07233.	4302N	2506-14490	00000/0000	2-10019/0839	06/11/76	10	7054	58.1	119.0	GGGG		14	30
07234.	4313N	2596-14462	00000/0000	2-10022/0558	09/09/76	10	8309	43.5	136.3	GGFG		14	30
07234.	4304N	2488-14492	00000/0000	2-10018/1376	05/24/76	70	6803	57.0	123.0	GGGG		14	30
07234.	4304N	2542-14450	00000/0000	2-10020/1032	07/17/76	80	7556	55.5	119.3	GGGG		14	30
07235.	4309N	2686-14431	00000/0000	2-10025/1053	12/08/76	10	9564	18.6	151.1	GGGG		14	30
07235.	4307N	2416-14513	00000/0000	2-10016/1072	03/13/76	90	5799	35.9	139.2	GGGG		14	30
07235.	4302N	2524-14483	00000/0000	2-10020/0177	06/29/76	60	7305	57.5	117.5	GGGG	H	14	30
07235.	3856N	2433-14462	00000/0000	2-10017/0588	03/30/76	70	6036	44.5	132.1	GGGG		13	33
07235.	3849N	2487-14445	00000/0000	2-10015/1353	05/23/76	50	6789	58.2	115.9	FGGG		13	33
07237.	4306N	2614-14455	00000/0000	2-10023/0110	09/27/76	90	8560	38.1	142.3	GGGG		14	30
07237.	4305N	2668-14435	00000/0000	2-10025/0426	11/20/76	80	9313	22.0	151.6	GGGG		14	30
07237.	3857N	2721-14371	00000/0000	2-10026/0418	01/12/77	80	52	21.0	144.8	GGGG		13	33
07237.	3853N	2559-14430	00000/0000	2-10021/0519	08/03/76	90	7793	53.9	117.1	GGFG		13	33
07237.	3849N	2541-14437	00000/0000	2-10020/1072	07/16/76	30	7542	56.6	112.0	GGGG		13	33
07238.	4303N	2398-14520	00000/0000	2-10014/0307	02/24/76	70	5548	29.4	142.1	GGGG		14	30
07238.	3856N	2703-14350	00000/0000	2-10025/1608	12/25/76	30	9801	20.4	147.6	GGGG		13	33
07238.	3854N	2595-14420	00000/0000	2-10022/0626	09/08/76	10	8295	46.1	131.4	GGGF		13	33
07238.	3845N	2523-14440	00000/0000	2-10020/0168	06/28/76	10	7291	58.4	109.9	GGGG		13	33
07239.	4302N	2650-14444	00000/0000	2-10024/0183	11/02/76	10	9062	26.9	150.2	GGGG		14	30
07239.	3853N	2685-14384	00000/0000	2-10025/1024	12/07/76	100	9550	22.0	149.4	GGFG		13	33
07239.	3847N	2505-14443	00000/0000	2-10019/0961	06/10/76	70	7040	59.1	111.4	FGGG		13	33

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0444

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07240W 4302N	2632-1445P	00000/0000	2-10023/0874	10/15/76	40	8811	32.4	147.0	GGGG			14	30
07240W 3852N	2613-1441P	00000/0000	2-10023/0056	09/26/76	70	8546	41.1	138.3	GGGG			13	33
07241W 3849N	2415-1447N	00000/0000	2-10016/1063	03/12/76	10	5785	38.0	136.0	GGG			13	33
07242W 3846N	2649-1440I	00000/0000	2-10024/0257	11/01/76	80	9048	30.3	147.7	GGGG			13	33
07243W 4251N	2380-1452P	00000/0000	2-10015/0559	02/06/76	80	5297	24.0	145.0	GGFF			14	30
07243W 3849N	2631-1440S	00000/0000	2-10023/0865	10/14/76	40	8797	35.7	143.9	GGGG			13	33
07244W 3845N	2397-1447P	00000/0000	2-10016/0298	02/23/76	70	5534	31.8	139.5	GGGG			13	33
07246W 4610N	2453-1455I	00000/0000	2-10017/1589	04/19/76	20	6315	47.5	135.9	GGGG			15	28
07246W 3839N	2379-1448N	00000/0000	2-10015/0493	02/05/76	90	5283	26.6	142.9	GGFF			13	33
07250W 4608N	2579-14514	00000/0000	2-10021/1323	08/23/76	40	8072	46.6	133.7	GGGG			15	28
07251W 4558N	2489-1454I	00000/0000	2-10019/0160	05/25/76	30	6817	55.9	127.5	GGGG			15	28
07252W 4607N	2705-1447I	00000/0000	2-10026/0008	12/27/76	40	9829	15.0	150.4	GGGG			15	28
07252W 4601N	2435-14554	00000/0000	2-10017/0733	04/01/76	100	6064	41.3	138.8	GGGG			15	28
07252W 4600N	2561-1452P	00000/0000	2-10021/0621	08/05/76	90	7821	51.0	128.1	GGGG			15	28
07253W 4605N	2723-1446P	00000/0000	2-10026/0519	01/14/77	10	80	16.1	147.7	GGGG			15	28
07253W 4559N	2417-1456P	00000/0000	2-10016/1182	03/14/76	10	5813	34.5	141.4	GGGG			15	28
07255W 4602N	2597-1451P	00000/0000	2-10022/0818	09/10/76	90	8323	41.6	139.5	GGGG			15	28
07255W 4558N	2615-14504	00000/0000	2-10023/0123	09/28/76	60	8574	35.9	144.9	GGGG			15	28
07255W 4555N	2543-1452S	00000/0000	2-10020/1095	07/18/76	70	7570	54.3	124.0	GGFF			15	28
07255W 4552N	2507-1453S	00000/0000	2-10019/0849	06/12/76	40	7068	57.2	123.7	GGGG			15	28
07256W 4552N	2525-1453P	00000/0000	2-10027/0262	06/30/76	70	7319	56.5	122.4	FGGG			15	28
07258W 4552N	2399-1456S	00000/0000	2-10016/0385	02/25/76	20	5562	27.9	143.8	GGGG			15	28
07259W 4552N	2651-1449P	00000/0000	2-10024/0344	11/03/76	60	9076	24.4	151.9	GGGG			15	28
07259W 4152N	2452-14504	00000/0000	2-10017/1521	04/18/76	10	6301	49.5	130.9	FGGG			14	31
07300W 4552N	2633-1450I	00000/0000	2-10023/0887	10/16/76	50	8825	30.0	149.1	GGGG			15	28
07300W 4145N	2470-1450I	00000/0000	2-10018/0658	05/06/76	10	6552	54.4	125.9	GGGG			14	31
07300W 3733N	2451-1446I	00000/0000	2-10018/0006	04/17/76	10	6287	51.1	125.7	FFFF			13	34
07301W 4148N	2434-1451P	00000/0000	2-10017/0722	03/31/76	90	6050	43.4	134.8	GGGG			14	31
07301W 3732N	2469-14454	00000/0000	2-10018/0586	05/05/76	0	6538	55.7	119.7	PGGG			13	34
07302W 4150N	2578-1447P	00000/0000	2-10021/1175	08/22/76	10	8058	49.0	128.1	FGGG			14	31
07302W 4146N	2560-1447S	00000/0000	2-10021/0529	08/04/76	40	7807	52.8	121.7	GGGG			14	31
07303W 4547N	2381-1457P	00000/0000	2-10015/0629	02/07/76	40	5311	22.3	146.3	GFFG			15	28
07304W 4148N	2704-1442S	00000/0000	2-10025/1618	12/26/76	90	9815	18.2	148.7	FFGG			14	31
07304W 4137N	2506-1449P	00000/0000	2-10019/0840	06/11/76	10	7054	58.5	116.4	GGGF			14	31
07304W 3730N	2433-1446S	00000/0000	2-10017/0589	03/30/76	90	6036	45.3	130.6	GGGG			13	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=AND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0445

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07304W	3724N	2487-1445P	00000/0000	2-10018/1354	05/23/76	100	6789	58.5	113.4	GGGF		13	34
07305W	4139N	2488-1449P	00000/0000	2-10018/1377	05/24/76	20	6803	57.4	120.6	GGGG		14	31
07305W	4139N	2542-1448P	00000/0000	2-10020/1033	07/17/76	60	7556	55.9	116.9	GGGG		14	31
07305W	4137N	2524-1448P	00000/0000	2-10020/0178	06/29/76	90	7305	57.8	115.0	GGGG	H	14	31
07305W	3727N	2559-1443P	00000/0000	2-10021/0520	08/03/76	100	7793	54.3	114.9	GGGG		13	34
07305W	3723N	2541-1443P	00000/0000	2-10020/1073	07/16/76	10	7542	56.9	109.6	GGGG		13	34
07306W	4147N	2596-1446P	00000/0000	2-10022/0559	09/09/76	10	8309	44.3	134.9	GGGG		14	31
07306W	4143N	2686-1443P	00000/0000	2-10025/1054	12/08/76	60	9564	19.7	150.5	GGGG		14	31
07306W	4142N	2416-1451P	00000/0000	2-10016/1073	03/13/76	90	5799	36.7	138.1	GGGG		14	31
07306W	3731N	2721-1437P	00000/0000	2-10026/0419	01/12/77	10	52	28.0	144.2	FGGG		13	34
07306W	3730N	2703-1438P	00000/0000	2-10025/1609	12/25/76	10	9801	21.4	147.0	GGGG		13	34
07306W	3728N	2595-1442P	00000/0000	2-10027/0627	09/08/76	10	8295	46.8	129.9	GGGF		13	34
07306W	3719N	2523-1444P	00000/0000	2-10020/0169	06/28/76	10	7291	58.6	107.3	GGGG		13	34
07307W	4141N	2614-1446P	00000/0000	2-10023/0111	09/27/76	100	8560	39.1	141.1	GGGG		14	31
07307W	3728N	2685-1439P	00000/0000	2-10025/1025	12/07/76	100	9550	23.1	148.7	GGGG		13	34
07307W	3722N	2505-1444P	00000/0000	2-10019/0962	06/10/76	80	7040	59.3	108.8	GGGG		13	34
07308W	4844N	2544-1457P	00000/0000	2-10020/1195	07/19/76	30	7584	53.1	128.5	GGGG		16	26
07308W	4140N	2668-1444P	00000/0000	2-10025/0427	11/20/76	70	9313	23.1	150.9	GGGG		14	31
07309W	4138N	2398-1452P	00000/0000	2-10016/0308	02/24/76	30	5548	30.3	141.2	GGGG		14	31
07309W	3723N	2415-1447P	00000/0000	2-10016/1064	03/12/76	10	5785	38.9	134.8	FGGG		13	34
07310W	4840N	2508-1455P	00000/0000	2-10019/0900	06/13/76	90	7082	56.1	128.4	FGGG		16	26
07310W	3721N	2649-1443P	00000/0000	2-10024/0258	11/01/76	90	9048	31.4	146.8	GGGG		13	34
07311W	4137N	2632-1445P	00000/0000	2-10023/0875	10/15/76	40	8811	33.5	146.1	GGGG		14	31
07311W	4136N	2650-1445P	00000/0000	2-10024/0184	11/02/76	0	9062	27.9	149.4	GGGG		14	31
07311W	3722N	2631-1441P	00000/0000	2-10023/0866	10/14/76	30	8797	36.7	142.9	FGGG		13	34
07312W	3720N	2397-1448P	00000/0000	2-10016/0299	02/23/76	70	5534	32.7	138.5	GGGG		13	34
07313W	4840N	2400-1501P	00000/0000	2-10016/0416	02/26/76	0	5576	26.3	145.5	GGGG		16	26
07313W	4126N	2380-1452P	00000/0000	2-10015/0560	02/06/76	100	5297	25.0	144.2	FFGG		14	31
07314W	4842N	2634-1455P	00000/0000	2-10023/1061	10/17/76	90	8839	27.6	151.1	GGGG		16	26
07314W	3713N	2379-1448P	00000/0000	2-10015/0394	02/05/76	50	5283	27.6	142.1	FFFF		13	34
07315W	4841N	2652-1454P	00000/0000	2-10024/0360	11/04/76	100	9090	21.9	153.5	GGGG		16	26
07319W	4829N	2382-1502P	00000/0000	2-10015/0521	02/08/76	50	5325	20.6	147.7	FFGG		16	26
07320W	4445N	2453-1455P	00000/0000	2-10017/1590	04/19/76	10	6315	48.3	134.2	GGGG		15	29
07321W	4438N	2471-1455P	00000/0000	2-10018/0718	05/07/76	90	6566	53.3	129.8	GGGG		15	29
07324W	4443N	2579-1452P	00000/0000	2-10021/1324	08/23/76	50	8072	47.3	132.0	GGGG		15	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0446

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07325W 4433N	2489-14544	00000/0000	2-10019/0161	05/25/76	50	6817	56.5	125.2	GGGG			15	29
07326W 4442N	2705-14474	00000/0000	2-10026/0009	12/27/76	10	9829	16.1	149.8	GGGG			15	29
07326W 4436N	2435-14561	00000/0000	2-10017/0734	04/01/76	100	6064	42.1	137.4	GGGG			15	29
07326W 4434N	2561-14524	00000/0000	2-10021/0622	08/05/76	50	7821	51.6	126.1	GGGG			15	29
07327W 4440N	2723-14470	00000/0000	2-10026/0520	01/14/77	90	80	17.2	147.0	GGGG			15	29
07327W 4436N	2687-14482	00000/0000	2-10025/1065	12/09/76	10	9578	17.4	151.7	GGGG			15	29
07327W 4433N	2417-14564	00000/0000	2-10016/1183	03/14/76	10	5813	35.3	140.2	GGGG			15	29
07327W 3608N	2451-14464	00000/0000	2-10018/0007	04/17/76	10	6287	51.7	123.8	FFFF			13	35
07328W 4436N	2597-14514	00000/0000	2-10022/0819	09/10/76	90	8323	42.4	138.1	GGGG			15	29
07328W 4431N	2543-14531	00000/0000	2-10016/1096	07/18/76	70	7570	54.8	121.8	GGGG			15	29
07328W 3606N	2469-14461	00000/0000	2-10018/0587	05/05/76	10	6538	56.2	117.4	GGGG			13	35
07329W 4433N	2615-14511	00000/0000	2-10023/0124	09/28/76	80	8574	36.9	143.7	GGGG			15	29
07329W 4427N	2525-14534	00000/0000	2-10020/1063	06/30/76	80	7319	57.0	120.0	GGGG			15	29
07329W 4426N	2507-14541	00000/0000	2-10019/0850	06/12/76	50	7068	57.7	121.3	GGGG			15	29
07329W 4027N	2452-14511	00000/0000	2-10017/1522	04/18/76	10	6301	50.2	129.1	FGGG			14	32
07331W 4428N	2399-14572	00000/0000	2-10016/0386	02/25/76	0	5562	28.8	142.9	GGGG			15	29
07331W 4023N	2434-14514	00000/0000	2-10017/0723	03/31/76	100	6050	44.1	133.4	GGGG			14	32
07331W 4019N	2470-14504	00000/0000	2-10018/0659	05/06/76	20	6552	55.0	123.7	GGGG			14	32
07331W 3605N	2433-14471	00000/0000	2-10017/0590	03/30/76	100	6036	46.0	129.1	GGGG			13	35
07331W 3558N	2487-14454	00000/0000	2-10018/1355	05/23/76	100	6789	58.8	110.9	GGGG			13	35
07332W 4429N	2669-14491	00000/0000	2-10025/0607	11/21/76	50	9327	20.7	152.2	GGGG			15	29
07332W 4427N	2651-14495	00000/0000	2-10024/0345	11/03/76	60	9076	25.5	151.1	GGGG			15	29
07332W 4025N	2578-14474	00000/0000	2-10021/1176	08/22/76	0	8058	49.6	126.3	FPGG			14	32
07332W 4021N	2560-14481	00000/0000	2-10021/0530	08/04/76	10	7807	53.3	119.6	GGGG			14	32
07332W 3601N	2559-14435	00000/0000	2-10021/0521	08/03/76	100	7793	54.6	112.7	GGGG			13	35
07332W 3558N	2541-14442	00000/0000	2-10020/1074	07/16/76	10	7542	57.0	107.2	GGGG			13	35
07333W 4427N	2633-14503	00000/0000	2-10023/0888	10/16/76	70	8825	31.1	148.2	GGGG			15	29
07333W 3605N	2721-14380	00000/0000	2-10026/0420	01/12/77	40	52	23.0	143.5	GFGG			13	35
07333W 3553N	2523-14445	00000/0000	2-10020/0170	06/28/76	20	7291	58.8	104.7	GGGG			13	35
07334W 4022N	2704-14431	00000/0000	2-10025/1619	12/26/76	90	9815	19.3	148.1	FFGF			14	32
07334W 3604N	2703-14385	00000/0000	2-10025/1610	12/25/76	30	9801	22.5	146.4	GGGG			13	35
07334W 3602N	2595-14425	00000/0000	2-10022/0619	09/08/76	10	8295	47.5	128.2	G GF			13	35
07334W 3602N	2685-14393	00000/0000	2-10025/1026	12/07/76	100	9550	24.2	148.1	GGGG			13	35
07334W 3556N	2505-14452	00000/0000	2-10019/0963	06/10/76	90	7040	59.5	106.1	GGGG			13	35
07335W 4013N	2488-14501	00000/0000	2-10018/1378	05/24/76	30	6803	57.9	118.1	GGGG			14	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR LIS  
FROM 01/22/76 TO 01/22/77

PAGE 0447

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07335	4013N	2542-14485	00000/0000	2-10020/1034	07/17/76	40	7556	56.2	114.6	GGGG				14	32
07335	4011N	2524-14492	00000/0000	2-10020/0179	06/29/76	90	7305	58.1	112.4	GGGG				14	32
07336	4415N	2381-14575	00000/0000	2-10015/0630	02/07/76	50	5311	23.3	145.5	GFGG				15	29
07336	4022N	2596-14471	00000/0000	2-10022/0560	09/09/76	10	8309	45.1	133.4	GGGG				14	32
07336	4018N	2686-14440	00000/0000	2-10025/1055	12/08/76	90	9564	20.8	149.9	GGGG				14	32
07336	4016N	2416-14522	00000/0000	2-10016/1074	03/13/76	90	5799	37.6	136.9	GGGG				14	32
07336	3558N	2415-14475	00000/0000	2-10016/1065	03/12/76	20	5785	39.7	133.6	GGGG				13	35
07337	4734N	2454-15003	00000/0000	2-10018/0011	04/20/76	60	6329	47.1	137.3	GGGG				16	27
07337	4015N	2614-14464	00000/0000	2-10023/0112	09/27/76	90	8560	40.0	139.9	GGGG				14	32
07337	3555N	2649-14410	00000/0000	2-10024/0259	11/01/76	80	9048	32.4	146.0	GGGG				13	35
07338	4015N	2668-14444	00000/0000	2-10025/0428	11/20/76	60	9313	24.2	150.2	GGFG				14	32
07339	4013N	2398-14525	00000/0000	2-10016/0309	02/24/76	10	5548	31.2	140.2	FGGG				14	32
07339	3556N	2631-14414	00000/0000	2-10023/0867	10/14/76	40	8797	37.7	141.8	GGGG				13	35
07340	4726N	2472-15000	00000/0000	2-10018/0775	05/08/76	80	6580	52.2	133.6	GGGG				16	27
07340	3554N	2397-14482	00000/0000	2-10016/0300	02/23/76	90	5534	33.6	137.5	GGGG				13	35
07341	4011N	2632-14461	00000/0000	2-10023/0876	10/15/76	20	8811	34.5	145.1	FGGG				14	32
07341	4011N	2650-14453	00000/0000	2-10024/0185	11/02/76	10	9062	29.0	148.6	GGGG				14	32
07341	3548N	2379-14485	00000/0000	2-10015/0495	02/05/76	50	5283	28.5	141.3	GGFF				13	35
07342	4728N	2598-14563	00000/0000	2-10022/0800	09/11/76	70	8337	40.4	141.2	GGGG				16	27
07342	4722N	2490-14593	00000/0000	2-10019/0142	05/26/76	70	6831	55.5	129.5	GGGG				16	27
07343	4732N	2580-14570	00000/0000	2-10022/0127	08/24/76	10	8086	45.6	135.6	GGGG				16	27
07343	4727N	2436-15010	00000/0000	2-10017/0557	04/02/76	90	6078	40.8	140.0	GGGG				16	27
07343	4726N	2562-14573	00000/0000	2-10021/0668	08/06/76	30	7835	50.1	130.3	GGGG				16	27
07343	4001N	2380-14532	00000/0000	2-10015/0561	02/06/76	100	5297	26.0	143.4	GGFG				14	32
07344	4731N	2706-14523	00000/0000	2-10026/0042	12/28/76	0	9843	13.9	150.9	GGGG				16	27
07344	4729N	2724-14515	00000/0000	2-10026/0476	01/15/77	20	94	15.2	148.1	GGGG				16	27
07345	4725N	2688-14532	00000/0000	2-10025/1116	12/10/76	90	9592	15.0	152.8	FGFG				16	27
07345	4721N	2418-15014	00000/0000	2-10017/0005	03/15/76	70	5827	34.0	142.3	GGGG				16	27
07345	4719N	2544-14581	00000/0000	2-10020/1196	07/19/76	90	7584	53.7	126.3	GGGG				16	27
07345	4718N	2526-14554	00000/0000	2-10020/0332	07/01/76	90	7333	55.9	124.9	FFF				16	27
07346	4715N	2508-14591	00000/0000	2-10019/0901	06/13/76	90	7082	56.7	126.0	GGGG				16	27
07349	4723N	2616-14560	00000/0000	2-10023/0202	09/29/76	100	8588	34.6	146.2	FGGG				16	27
07349	4716N	2400-15021	00000/0000	2-10016/0417	02/26/76	10	5576	27.3	144.5	GGGG				16	27
07351	4718N	2670-14540	00000/0000	2-10025/0523	11/22/76	70	9341	18.3	153.6	GGGG				16	27
07351	4717N	2634-14553	00000/0000	2-10023/1062	10/17/76	90	8839	28.7	150.2	GGGG				16	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
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01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0448

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUN PATH NUM.	FRAME RBW NUM.
07351N	4716N	2652-14545	00000/0000	2-10024/0361	11/04/76	100	9090	23.0	152.7	GGGG		16	27
07353N	4319N	2453-14560	00000/0000	2-10017/1591	04/19/76	10	6315	49.1	132.4	FGGG		15	30
07354N	4312N	2471-14553	00000/0000	2-10018/0719	05/07/76	90	6566	54.0	127.7	GGGG		15	30
07354N	3442N	2451-14470	00000/0000	2-10018/0008	04/17/76	40	6287	52.3	121.8	FFFF		13	36
07355N	4704N	2382-15024	00000/0000	2-10015/0522	02/08/76	70	5325	21.6	146.9	FFFF		16	27
07355N	3440N	2469-14463	00000/0000	2-10018/0588	05/05/76	20	6538	56.5	115.1	GGGG		13	36
07356N	4318N	2579-14523	00000/0000	2-10021/1325	08/23/76	40	8072	48.0	130.3	GGGG		15	30
07356N	3443N	2577-14434	00000/0000	2-10021/1229	08/21/76	90	8044	51.9	118.4	FFFF		13	36
07357N	4307N	2489-14550	00000/0000	2-10019/0162	05/25/76	90	6817	57.1	122.8	GGGG		15	30
07357N	3901N	2452-14513	00000/0000	2-10017/1523	04/18/76	0	6301	50.8	127.3	FGGG		14	33
07358N	4316N	2705-14480	00000/0000	2-10026/0010	12/27/76	10	9829	17.1	149.2	GGGG		15	30
07358N	4311N	2435-14563	00000/0000	2-10017/0735	04/01/76	100	6064	43.0	136.0	FGGG		15	30
07358N	4309N	2561-14531	00000/0000	2-10021/0623	08/05/76	30	7821	52.1	124.1	GGFG		15	30
07358N	3439N	2433-14474	00000/0000	2-10017/0591	03/30/76	100	6036	46.6	127.5	GGGG		13	36
07358N	3436N	2559-14441	00000/0000	2-10021/0522	08/03/76	100	7793	54.9	110.5	FGGG		13	36
07358N	3433N	2487-14461	00000/0000	2-10018/1356	05/23/76	100	6789	59.0	108.3	GGGF		13	36
07358N	3428N	2523-14451	00000/0000	2-10020/0171	06/28/76	90	7291	58.8	102.1	GGGG		13	36
07359N	4314N	2723-14472	00000/0000	2-10026/0521	01/14/77	100	80	18.2	146.4	GGGG		15	30
07359N	4311N	2687-14485	00000/0000	2-10025/1066	12/09/76	10	9578	18.4	151.1	GGGG		15	30
07359N	3433N	2541-14444	00000/0000	2-10020/1075	07/16/76	20	7542	57.2	104.8	GGGG		13	36
07400N	4311N	2597-14521	00000/0000	2-10022/0820	09/10/76	100	8323	43.3	136.7	GGGG		15	30
07400N	4308N	2417-14571	00000/0000	2-10016/1184	03/14/76	10	5813	36.2	139.1	GGGG		15	30
07400N	4305N	2543-14534	00000/0000	2-10020/1097	07/18/76	70	7570	55.3	119.5	GGFG		15	30
07400N	3858N	2434-14521	00000/0000	2-10017/0724	03/31/76	100	6050	44.9	131.9	GGGG		14	33
07400N	3853N	2470-14510	00000/0000	2-10018/0660	05/06/76	10	6552	55.5	121.5	FFGG		14	33
07400N	3439N	2721-14383	00000/0000	2-10026/0421	01/12/77	40	52	23.9	142.9	GGGG		13	36
07400N	3436N	2595-14431	00000/0000	2-10022/0628	09/08/76	0	8295	48.2	126.6	GGGF		13	36
07400N	3430N	2505-14454	00000/0000	2-10019/0964	06/10/76	100	7040	59.6	103.4	GGGG		13	36
07401N	4302N	2525-14541	00000/0000	2-10020/0264	06/30/76	90	7319	57.4	117.5	GGGG		15	30
07401N	4301N	2507-14544	00000/0000	2-10019/0851	06/12/76	40	7068	58.1	118.8	GGGG		15	30
07401N	3859N	2578-14481	00000/0000	2-10021/1177	08/22/76	10	8058	50.2	124.5	FGGG		14	33
07401N	3854N	2560-14484	00000/0000	2-10021/0531	08/04/76	10	7807	53.7	117.5	GGGG		14	33
07401N	3438N	2703-14391	00000/0000	2-10025/1611	12/25/76	70	9801	23.5	145.8	GGGG		13	36
07402N	4307N	2615-14513	00000/0000	2-10023/0125	09/28/76	70	8574	37.8	142.6	GGGG		15	30
07402N	3432N	2415-14481	00000/0000	2-10016/1066	03/12/76	40	5785	40.4	132.3	GGGG		13	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER,  
 IMAGE QUALITY ..... BLANKS=BLANK; NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED; L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN; H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US

PAGE 0449

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	SATVATION ID	MICROFILM POSITION RBV	ROLL No./ IN RBL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBL NUM.
07403N	4303N	2399-14574	00000/0000	2-10014/0387	02/25/76	30	5562	29.7	141.9	GGGG		15	30
07403N	3846N	2524-14494	00000/0000	2-10020/0180	06/29/76	50	7305	58.4	109.9	GGGG	H	14	33
07404N	4302N	2651-14502	00000/0000	2-10024/0346	11/03/76	90	9076	26.6	150.3	GGGG		15	30
07404N	3856N	2704-14434	00000/0000	2-10025/1620	12/26/76	90	9815	20.4	147.5	GGGG		14	33
07404N	3851N	2416-14524	00000/0000	2-10016/1075	03/13/76	80	5799	38.4	135.8	GGGG		14	33
07404N	3848N	2488-14504	00000/0000	2-10018/1379	05/24/76	90	6803	58.3	115.6	GGGF		14	33
07404N	3430N	2649-14412	00000/0000	2-10024/0260	11/01/76	70	9048	33.4	145.1	GGGG		13	36
07405N	4304N	2669-14494	00000/0000	2-10025/0508	11/21/76	40	9327	21.8	151.6	GGGG		15	30
07405N	4302N	2633-14510	00000/0000	2-10023/0889	10/16/76	70	8825	32.1	147.3	GGGG		15	30
07405N	3855N	2596-14474	00000/0000	2-10022/0561	09/09/76	10	8309	45.9	131.9	GGGG		14	33
07405N	3848N	2542-14491	00000/0000	2-10020/1035	07/17/76	30	7556	56.5	112.2	GGGG		14	33
07405N	3430N	2631-14420	00000/0000	2-10023/0868	10/14/76	20	8797	38.6	140.8	GGGF		13	36
07406N	3852N	2636-14442	00000/0000	2-10025/1056	12/08/76	90	9564	21.9	149.3	GGGG		14	33
07406N	3429N	2397-14485	00000/0000	2-10016/0301	02/23/76	90	5534	34.4	136.6	GGGG		13	36
07407N	3849N	2614-14471	00000/0000	2-10023/0113	09/27/76	90	8560	40.9	138.7	GGGG		14	33
07407N	3849N	2668-14451	00000/0000	2-10025/0429	11/20/76	30	9313	25.3	149.5	GGGG		14	33
07408N	4251N	2381-14581	00000/0000	2-10015/0631	02/07/76	70	5311	24.3	144.8	GGFG		15	30
07408N	3848N	2398-14531	00000/0000	2-10016/0310	02/24/76	0	5548	32.1	139.3	GGGG		14	33
07408N	3422N	2379-14491	00000/0000	2-10015/0456	02/05/76	30	5283	29.5	140.5	GGFF		13	36
07410N	3846N	2632-14463	00000/0000	2-10023/0877	10/15/76	0	8811	35.5	144.1	GGGG		14	33
07410N	3846N	2650-14455	00000/0000	2-10024/0136	11/02/76	10	9062	30.1	147.8	GGGG		14	33
07412N	4608N	2454-15005	00000/0000	2-10018/0012	04/20/76	10	6329	47.9	135.6	GGGG		16	28
07412N	3835N	2380-14534	00000/0000	2-10015/0562	02/06/76	100	5297	26.9	142.6	GGFG		14	33
07415N	4601N	2472-15002	00000/0000	2-10018/0776	05/08/76	70	6580	52.9	131.6	GGGG		16	28
07416N	4557N	2430-15000	00000/0000	2-10019/0143	05/26/76	80	6831	56.1	127.2	GGGG		16	28
07417N	4603N	2598-14570	00000/0000	2-10022/0801	09/11/76	80	8337	41.2	139.8	GGGG		16	28
07418N	4607N	2580-14573	00000/0000	2-10022/0128	08/24/76	10	8086	46.4	134.0	GGGG		16	28
07418N	4602N	2436-15013	00000/0000	2-10017/0558	04/02/76	70	6078	41.7	138.7	GGGG		16	28
07419N	4606N	2706-14530	00000/0000	2-10026/0043	12/28/76	0	9843	15.0	150.3	GGGG		16	28
07419N	4604N	2724-14521	00000/0000	2-10026/0477	01/15/77	20	94	16.3	147.5	GGGG		16	28
07419N	4601N	2562-14580	00000/0000	2-10021/0669	08/06/76	20	7835	50.8	128.4	GGGG		16	28
07419N	4600N	2688-14534	00000/0000	2-10025/1117	12/10/76	90	9592	16.1	152.2	GGGG		16	28
07420N	4556N	2418-15020	00000/0000	2-10017/0006	03/15/76	70	5827	34.9	141.2	GGGG		16	28
07420N	4554N	2544-14583	00000/0000	2-10020/1197	07/15/76	70	7584	54.2	124.1	GGGG		16	28
07420N	4553N	2526-14590	00000/0000	2-10020/0333	07/01/76	70	7333	56.4	122.5	GGGG		16	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

 LANDSAT-2  
 COORDINATE LISTING  
 FOR IIS

PAGE 0450

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07420W 3316N	2451-14473	00000/0000	2-10018/0009	04/17/76	30	6287	52.8	119.9	FFFF			13	37
07421W 3314N	2469-14470	00000/0000	2-10018/0589	05/05/76	30	6538	56.9	112.8	GGGG			13	37
07422W 4549N	2508-14593	00000/0000	2-10019/0902	06/13/76	40	7082	57.2	123.6	GFGG			16	28
07422W 3317N	2577-14440	00000/0000	2-10021/1230	08/21/76	90	8044	52.3	116.4	FFFF			13	37
07423W 4559N	2616-14563	00000/0000	2-10023/0203	09/29/76	60	8588	35.6	145.1	FGGG			16	28
07424W 4551N	2400-15023	00000/0000	2-10016/0418	02/26/76	80	5576	28.2	143.6	GGGG			16	28
07424W 4154N	2453-14562	00000/0000	2-10017/1592	04/19/76	10	6315	49.8	130.7	GGGG			15	31
07424W 3313N	2433-14460	00000/0000	2-10017/0592	03/30/76	100	6036	47.3	126.0	GGGG			13	37
07424W 3310N	2559-14444	00000/0000	2-10021/0523	08/03/76	90	7793	55.1	108.3	GGGG			13	37
07424W 3307N	2487-14463	00000/0000	2-10018/1357	05/23/76	100	6789	59.1	105.7	GGGF			13	37
07424W 3304N	2623-14454	00000/0000	2-10020/0172	06/28/76	90	7291	58.8	99.5	GGGG			13	37
07425W 4553N	2670-14543	00000/0000	2-10025/0524	11/22/76	80	9341	19.4	152.9	GGGF			16	28
07425W 3307N	2541-14451	00000/0000	2-10020/1076	07/16/76	10	7542	57.2	102.3	GGGG			13	37
07426W 4553N	2634-14555	00000/0000	2-10023/1063	10/17/76	60	8839	29.7	149.3	GGGG			16	28
07426W 4551N	2652-14551	00000/0000	2-10024/0362	11/04/76	90	9090	24.1	152.0	GGGG			16	28
07426W 4147N	2471-14560	00000/0000	2-10018/0720	05/07/76	90	6566	54.6	125.6	GGFG			15	31
07426W 3735W	2452-14520	00000/0000	2-10017/1524	04/18/76	10	6301	51.4	125.4	GGGG			14	34
07426W 3313N	2721-14385	00000/0000	2-10026/0422	01/12/77	60	52	24.9	142.2	FGGG			13	37
07426W 3310N	2595-14434	00000/0000	2-10022/0629	09/08/76	10	8295	48.8	124.9	GGGG			13	37
07426W 3305W	2505-14461	00000/0000	2-10019/0965	06/10/76	100	7040	59.6	100.8	GGGG			13	37
07427W 4153N	2579-14530	00000/0000	2-10021/1326	08/23/76	10	8072	48.7	128.5	GGGG			15	31
07427W 3312N	2703-14394	00000/0000	2-10025/1612	12/25/76	50	9801	24.5	145.1	GGGG			13	37
07428W 4146N	2435-14570	00000/0000	2-10017/0736	04/01/76	100	6064	43.7	134.6	GGGG			15	31
07428W 3727W	2470-14513	00000/0000	2-10018/0661	05/06/76	20	6552	55.9	119.2	FGGG			14	34
07428W 3307W	2415-14484	00000/0000	2-10016/1067	03/12/76	50	5785	41.2	131.1	GGGG			13	37
07429W 4142N	2489-14553	00000/0000	2-10019/0163	05/25/76	90	6817	57.5	120.4	GGGG			15	31
07429W 3734N	2578-14483	00000/0000	2-10021/1178	08/22/76	30	8058	50.7	122.6	FGGG			14	34
07429W 3729N	2560-14490	00000/0000	2-10021/0532	08/04/76	30	7807	54.1	115.4	GGGG			14	34
07430W 4539N	2382-15030	00000/0000	2-10015/0523	02/08/76	90	5325	22.6	146.2	FGGF			16	28
07430W 4149N	2723-14475	00000/0000	2-10026/0522	01/14/77	100	80	19.2	145.8	GGGG			15	31
07430W 4146N	2687-14491	00000/0000	2-10025/1067	12/09/76	30	9578	19.5	150.5	GGGG			15	31
07430W 4144N	2561-14533	00000/0000	2-10021/0624	08/05/76	30	7821	52.7	122.0	GGGG			15	31
07430W 3305W	2649-14415	00000/0000	2-10024/0261	11/01/76	80	9048	34.4	144.2	GGGG			13	37
07431W 4140N	2543-14540	00000/0000	2-10020/1098	07/18/76	30	7570	55.7	117.2	GGGF			15	31
07431W 4136N	2507-14550	00000/0000	2-10019/0852	06/12/76	20	7068	58.5	116.2	GGGG			15	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0451

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07431W	3721N	2524-14501	00000/0000	2-10020/0181	06/29/76	60	7305	58.6	107.3	GGGG	H	14	34
07431W	3305N	2631-14423	00000/0000	2-10023/0869	10/14/76	40	8797	39.5	139.7	GGGG		13	37
07432W	4145N	2597-14523	00000/0000	2-10022/0821	09/10/76	100	8323	44.1	135.2	GGGG		15	31
07432W	4143N	2417-14573	00000/0000	2-10016/1185	03/14/76	10	5813	37.1	137.9	GGGG		15	31
07432W	4137N	2525-14543	00000/0000	2-10020/0265	06/30/76	90	7319	57.8	115.0	GGGG		15	31
07432W	3725N	2416-14531	00000/0000	2-10016/1076	03/13/76	80	5799	39.2	134.6	GGGG		14	34
07432W	3722N	2488-14510	00000/0000	2-10018/1380	05/24/76	100	6803	58.6	113.1	GGGG		14	34
07432W	3722N	2542-14494	00000/0000	2-10020/1036	07/17/76	40	7556	56.7	109.8	GGGG		14	34
07432W	3304N	2397-14491	00000/0000	2-10016/0302	02/23/76	80	5534	35.3	135.5	GGGG		13	37
07433W	3730N	2596-14480	00000/0000	2-10022/0562	09/09/76	0	8309	46.6	130.3	GGGG		14	34
07433W	3730N	2704-14440	00000/0000	2-10023/1621	12/26/76	90	9815	21.4	146.9	GGGG		14	34
07434W	4845N	2491-15045	00000/0000	2-10019/0272	05/27/76	10	6845	54.9	131.5	FGGG		17	26
07434W	4142N	2615-14520	00000/0000	2-10023/0126	09/28/76	70	8574	38.8	141.4	GGGG		15	31
07434W	4138N	2399-14581	00000/0000	2-10016/0388	02/25/76	70	5562	30.7	141.0	GGGG		15	31
07434W	3726N	2686-14445	00000/0000	2-10025/1057	12/08/76	90	9564	22.9	148.7	GGGG		14	34
07434W	3256N	2379-14494	00000/0000	2-10015/0497	02/05/76	30	5283	30.4	139.6	GFFF		13	37
07435W	4847N	2419-15065	00000/0000	2-10017/0065	03/16/76	30	5841	33.4	143.3	PGGG		17	26
07435W	4841N	2365-15081	00000/0000	2-10015/0074	01/22/76	20	5088	16.4	150.3	PP G		17	26
07435W	4137N	2651-14504	00000/0000	2-10024/0347	11/03/76	90	9076	27.7	149.5	GGGG		15	31
07435W	3723N	2614-14473	00000/0000	2-10023/0114	09/27/76	80	8560	41.7	137.4	GGGG		14	34
07435W	3723N	2668-14453	00000/0000	2-10025/0430	11/20/76	40	9313	26.4	148.8	GGGG		14	34
07436W	4844N	2545-15032	00000/0000	2-10020/1148	07/20/76	90	7598	52.9	128.7	GGG		17	26
07436W	4842N	2509-15042	00000/0000	2-10019/0922	06/14/76	30	7096	56.1	128.3	GGG		17	26
07436W	4842N	2527-15035	00000/0000	2-10020/0369	07/02/76	90	7347	55.3	127.2	GGGG		17	26
07436W	4137N	2633-14512	00000/0000	2-10023/0890	10/16/76	40	8825	33.1	146.3	FGGG		15	31
07436W	3723N	2398-14534	00000/0000	2-10016/0311	02/24/76	0	5548	33.0	138.3	GGGG		14	34
07437W	4849N	2617-15012	00000/0000	2-10023/0219	09/30/76	60	8602	33.2	147.6	GGGG		17	26
07438W	4842N	2401-15073	00000/0000	2-10016/0483	02/27/76	70	5590	26.7	145.4	FGGG		17	26
07438W	3720N	2632-14470	00000/0000	2-10023/0878	10/15/76	0	8811	36.4	143.1	FGGG		14	34
07438W	3720N	2650-14462	00000/0000	2-10024/0187	11/02/76	10	9062	31.1	147.0	GGGG		14	34
07439W	4840N	2653-15000	00000/0000	2-10024/0404	11/05/76	80	9104	21.6	153.6	GGGG		17	26
07439W	4125N	2381-14584	00000/0000	2-10015/0632	02/07/76	40	5311	25.3	144.0	FGGG		15	31
07442W	4837N	2635-15004	00000/0000	2-10023/1011	10/18/76	90	8853	27.3	151.2	GGGG		17	26
07443W	4829N	2383-15080	00000/0000	2-10015/0675	02/09/76	10	5339	20.9	147.6	GGGG		17	26
07445W	3149N	2451-14475	00000/0000	2-10018/0010	04/17/76	0	6287	53.2	117.8	GFFF		13	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0452

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS.	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07446W	4443N	2454-15012	00000/0000	2-10018/0013	04/20/76	40	6329	48.6	133.9			
07446W	3148N	2469-14472	00000/0000	2-10018/0590	05/05/76	20	6538	57.1	110.4	GGGG	16	29
07448W	3151N	2577-14443	00000/0000	2-10021/1231	08/21/76	90	8044	52.7	114.4	GGGG	13	38
07448W	3139N	2523-14460	00000/0000	2-10020/0173	06/28/76	30	7291	58.8	97.0	FFFF	13	38
07449W	4436N	2472-15005	00000/0000	2-10018/0777	05/08/76	70	6580	53.6	129.5	GGGG	13	38
07449W	4432N	2490-15002	00000/0000	2-10019/0144	05/26/76	80	6831	56.7	124.9	GGGG	16	29
07449W	3147N	2433-14483	00000/0000	2-10017/0593	03/30/76	80	6036	47.9	124.3	GGGG	16	29
07449W	3144N	2559-14450	00000/0000	2-10021/0524	08/03/76	80	7793	55.2	106.0	GGGG	13	38
07449W	3141N	2487-14470	00000/0000	2-10018/1358	05/23/76	90	6789	59.2	103.1	GGGG	13	38
07450W	3141N	2541-14453	00000/0000	2-10020/1077	07/16/76	10	7542	57.2	99.9	GGGF	13	38
07451W	4442N	2530-14575	00000/0000	2-10021/0129	08/24/76	10	8086	47.1	132.3	GGGG	13	38
07451W	4437N	2436-15015	00000/0000	2-10017/0559	04/02/76	90	6078	42.5	137.3	GGGG	16	29
07451W	4437N	2598-14572	00000/0000	2-10022/0802	09/11/76	90	8337	42.1	138.4	GGGG	16	29
07451W	3143N	2595-14440	00000/0000	2-10022/0630	09/08/76	70	8295	49.4	123.2	GGGG	16	29
07452W	4441N	2706-14532	00000/0000	2-10026/0044	12/28/76	10	9843	16.1	149.7	GGGG	13	38
07452W	4436N	2562-14582	00000/0000	2-10021/0670	08/06/76	70	7835	51.4	126.4	GGGG	16	29
07452W	3147N	2721-14392	00000/0000	2-10026/0423	01/12/77	80	52	25.9	141.5	GGGG	16	29
07452W	3146N	2703-14400	00000/0000	2-10025/1613	12/25/76	30	9801	26.5	144.5	GGGG	13	38
07453W	4438N	2724-14524	00000/0000	2-10026/0478	01/15/77	20	94	17.3	146.9	GGGG	13	38
07453W	4435N	2638-14541	00000/0000	2-10025/1118	12/10/76	50	9592	17.2	151.6	GGGG	16	29
07453W	3141N	2415-14490	00000/0000	2-10016/1068	03/12/76	50	5785	41.9	129.8	GGGG	16	29
07454W	4431N	2418-15023	00000/0000	2-10017/0007	03/15/76	40	5827	35.8	140.1	GGGG	13	38
07454W	4429N	2544-14590	00000/0000	2-10020/1198	07/19/76	30	7584	54.7	121.9	GGGG	16	29
07454W	4428N	2526-14593	00000/0000	2-10020/0334	07/01/76	60	7333	56.9	120.1	GGGG	16	29
07454W	4429N	2453-14565	00000/0000	2-10017/1593	04/19/76	10	6315	50.4	128.9	GGGG	15	32
07454W	3610N	2452-14522	00000/0000	2-10017/1525	04/18/76	20	6301	52.0	123.5	GGGG	14	35
07455W	4425N	2508-15000	00000/0000	2-10019/0903	06/13/76	10	7082	57.7	121.1	GGGG	16	29
07455W	3602N	2470-14515	00000/0000	2-10018/0662	05/06/76	50	6552	56.4	116.9	GGGG	14	35
07455W	3139N	2649-14421	00000/0000	2-10024/0262	11/01/76	50	9048	35.4	143.3	GGGG	13	38
07456W	4434N	2616-14565	00000/0000	2-10023/0204	09/29/76	30	8588	36.5	144.0	GGGG	16	29
07456W	4021N	2471-14562	00000/0000	2-10018/0721	05/07/76	80	6566	55.2	123.4	GGGG	15	32
07456W	3606N	2434-14530	00000/0000	2-10017/0725	03/31/76	90	6050	46.3	128.8	GGGG	14	35
07456W	3604N	2560-14493	00000/0000	2-10021/0533	01/04/76	60	7807	54.4	113.2	GGGG	14	35
07456W	3139N	2631-14425	00000/0000	2-10023/0870	10/14/76	40	8797	40.4	138.6	GGGG	13	38
07457W	4026N	2579-14532	00000/0000	2-10021/1327	08/23/76	0	8072	49.3	126.8	GGGG	15	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, I=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING

PAGE 0453

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA M8DF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07457N	3608N	2578-1449N	00000/0000	2-10021/1179	08/22/76	30	8058	51.2	120.7	GFFF				14	35
07457W	3137N	2397-14494	00000/0000	2-10016/0303	02/23/76	70	5534	36.1	134.5	GGGG				13	38
07453W	4429N	2670-14546	00000/0000	2-10025/0525	11/22/76	80	9341	20.5	152.2	GGGG				16	29
07458W	4426N	2400-15030	00000/0000	2-10015/0419	02/26/76	90	5576	29.2	142.7	GGGG				16	29
07458W	4020N	2435-14572	00000/0000	2-10017/0737	04/01/76	90	6064	44.5	133.1	GGGG				15	32
07458W	4016N	2489-14555	00000/0000	2-10019/0164	05/25/76	90	6817	58.0	117.9	GGGG				15	32
07458W	3555N	2524-14507	00000/0000	2-10020/0182	06/29/76	60	7305	58.7	104.7	GGGG				14	35
07459W	4427N	2634-14562	00000/0000	2-10023/1064	10/17/76	50	8839	30.8	148.4	GGGG				16	29
07459W	4426N	2652-14554	00000/0000	2-10024/0363	11/04/76	90	9090	25.2	151.2	GGGG				14	29
07459W	3557N	2458-14513	00000/0000	2-10018/1381	05/24/76	100	6803	58.9	110.5	GGGG				14	35
07459W	3557N	2542-14500	00000/0000	2-10020/1037	07/17/76	60	7556	56.9	107.4	GFGG				14	35
07459W	3131N	2379-14500	00000/0000	2-10015/0498	02/05/76	30	5283	31.3	138.8	GFFF				13	38
07500W	4024N	2705-14485	00000/0000	2-10026/0011	12/27/76	30	9829	19.2	148.0	GGGG				15	32
07500W	4023N	2723-14431	00000/0000	2-10026/0523	01/14/77	100	80	20.2	145.1	GGGG				15	32
07500W	4020N	2687-14494	00000/0000	2-10025/1068	12/09/76	20	9578	20.6	149.9	GGGG				15	32
07500W	4018N	2561-14540	00000/0000	2-10021/0625	08/05/76	30	7821	53.1	119.9	GGGG				15	32
07500W	3600N	2416-14533	00000/0000	2-10016/1077	03/13/76	90	5799	40.0	133.3	GGGG				14	35
07501W	4015N	2543-14543	00000/0000	2-10020/1039	07/18/76	10	7570	56.1	114.8	GGGF				15	32
07501W	4012N	2525-14550	00000/0000	2-10020/0266	06/30/76	70	7319	58.1	112.5	FGGG				15	32
07501W	4011N	2507-14553	00000/0000	2-10019/0853	06/12/76	10	7068	58.8	113.6	GGGG				15	32
07501W	3604N	2704-14443	00000/0000	2-10025/1622	12/26/76	90	9815	22.4	146.3	GGGG				14	35
07501W	3603N	2596-14443	00000/0000	2-10022/0563	09/09/76	0	8309	47.3	128.7	GGGG				14	35
07502W	4019N	2597-14530	00000/0000	2-10022/0822	09/10/76	100	8323	44.8	133.7	GGGG				15	32
07502W	4017N	2417-14580	00000/0000	2-10016/1186	03/14/76	0	5813	37.9	136.8	GGGG				13	32
07502W	3600N	2686-14451	00000/0000	2-10025/1058	12/08/76	70	9564	24.0	148.0	GGGG				14	35
07503W	4414N	2382-15033	00000/0000	2-10015/0524	02/08/76	80	5325	23.6	145.4	FFFF				16	29
07503W	3558N	2614-14480	00000/0000	2-10023/0115	09/27/76	70	8560	42.6	136.1	GGGG				14	35
07503W	3558N	2668-14440	00000/0000	2-10025/0431	11/20/76	50	9313	27.4	148.1	FGGG				14	35
07504W	4731N	2455-15061	00000/0000	2-10018/0047	04/21/76	80	6343	47.4	137.1	GGGG				17	27
07504W	4728N	2473-15054	00000/0000	2-10018/0826	05/09/76	60	6594	52.4	133.4	GGGG				17	27
07504W	4016N	2615-14522	00000/0000	2-10023/0127	09/28/76	10	8574	39.7	140.2	GGGG				15	32
07504W	4012N	2399-14583	00000/0000	2-10016/0389	02/25/76	60	5562	31.6	140.0	GGGG				15	32
07504W	3557N	2398-14540	00000/0000	2-10016/0312	02/24/76	0	5548	33.9	137.4	GGGG				14	35
07505W	3555N	2650-14464	00000/0000	2-10024/0188	11/02/76	20	9062	32.1	146.2	GGGG				14	35
07505W	3554N	2632-14472	00000/0000	2-10023/0879	10/15/76	10	8811	37.4	142.1	FFGG				14	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0454

PRINCIPAL POINT 9F IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBLI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07506w	4012N	2633-14515	00000/0000	2-10023/0891	10/16/76	30	8825	34.2	145.4	GGGG		15	32
07506w	4012N	2651-14511	00000/0000	2-10024/0348	11/03/76	90	9076	28.7	148.8	GGGG		15	32
07507w	4733N	2581-15024	00000/0000	2-10021/1406	08/25/76	10	8100	45.3	136.0	FFGG		17	27
07507w	4728N	2437-15064	00000/0000	2-10017/0801	04/03/76	90	6092	41.2	139.9	GGGG		17	27
07507w	3545N	2380-14543	00000/0000	2-10015/0563	02/06/76	90	5297	28.8	141.0	FFFF		14	35
07509w	4730N	2707-14581	00000/0000	2-10026/0099	12/29/76	90	9857	13.9	150.7	GGGF		17	27
07509w	4000N	2381-14590	00000/0000	2-10015/0633	02/07/76	20	5311	26.2	143.2	GFGG		15	32
07510w	4727N	2563-15032	00000/0000	2-10021/0651	08/07/76	10	7849	49.9	130.6	F		17	27
07510w	4726N	2599-15022	00000/0000	2-10022/0783	09/12/76	50	8351	40.1	141.4	GGGG		17	27
07510w	4721N	2491-15051	00000/0000	2-10019/0273	05/27/76	0	6845	55.6	129.3	GGGG		17	27
07512w	4722N	2419-15072	00000/0000	2-10017/0856	03/16/76	80	5841	34.3	142.2	PGGG		17	27
07512w	4718N	2509-15045	00000/0000	2-10019/0923	06/14/76	30	7096	56.7	125.9	GGG		17	27
07512w	4716N	2365-15084	00000/0000	2-10015/0075	01/22/76	30	5088	17.4	149.6	FPPG		17	27
07513w	4724N	2617-15014	00000/0000	2-10023/0220	09/30/76	30	8602	34.2	146.5	GGGG		17	27
07513w	4719N	2545-15035	00000/0000	2-10020/1147	07/20/76	90	7598	53.5	126.5	G GG		17	27
07515w	4717N	2401-15075	00000/0000	2-10016/0484	02/27/76	60	5590	27.6	144.4	GGFG		17	27
07515w	4716N	2653-15003	00000/0000	2-10024/0405	11/05/76	80	9104	22.7	152.8	GGGG		17	27
07518w	4712N	2635-15011	00000/0000	2-10023/1012	10/18/76	90	8853	28.4	150.3	GGGG		17	27
07518w	4318N	2454-15014	00000/0000	2-10018/0014	04/20/76	30	6329	49.4	132.2	GGGG		16	30
07520w	4704N	2383-15082	00000/0000	2-10015/0676	02/09/76	10	5339	21.9	146.8	GGGG		17	27
07521w	4306N	2490-15005	00000/0000	2-10019/0145	05/26/76	90	6831	57.2	122.5	FGGG		16	30
07521w	3444N	2452-14525	00000/0000	2-10017/1526	04/18/76	20	6301	52.5	121.5	GGGG		14	36
07521w	3436N	2470-14522	00000/0000	2-10018/0663	05/06/76	40	6552	56.7	114.6	GGGG		14	36
07522w	4311N	2472-15011	00000/0000	2-10018/0778	05/08/76	60	6580	54.2	127.4	GGGG		16	30
07523w	4312N	2598-14575	00000/0000	2-10022/0803	09/11/76	80	8337	42.9	137.0	GGGG		16	30
07523w	3903N	2453-14571	00000/0000	2-10017/1594	04/19/76	30	6315	51.1	127.0	GGGG		15	33
07523w	3438N	2560-14495	00000/0000	2-10021/0534	08/04/76	80	7807	54.7	111.0	GGGG		14	36
07524w	4317N	2580-14582	00000/0000	2-10022/0130	08/24/76	20	8086	47.8	130.6	GGGG		16	30
07524w	4312N	2436-15022	00000/0000	2-10017/0560	04/02/76	80	6078	43.3	135.8	GGGG		16	30
07524w	4310N	2562-14585	00000/0000	2-10021/0671	08/06/76	90	7835	51.9	124.4	GGGG		16	30
07524w	3442N	2578-14492	00000/0000	2-10021/1180	08/22/76	40	8058	51.7	118.8	GGGG		14	36
07524w	3440N	2434-14532	00000/0000	2-10017/0726	03/31/76	70	6050	47.0	127.3	GGGG		14	36
07524w	3430N	2524-14510	00000/0000	2-10020/0183	06/29/76	70	7305	58.7	102.1	GGGG	H	14	36
07525w	4315N	2706-14535	00000/0000	2-10026/0045	12/28/76	80	9843	17.1	149.1	GGGG		16	30
07525w	4313N	2724-14530	00000/0000	2-10026/0479	01/15/77	40	94	18.3	146.2	GGGG		16	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=UNPROCESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0455

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLBD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07525W	4310N	2688-14543	00000/0000	2-10025/1119	12/10/76	10	9592	18.3	151.0	GGGG	16	30
07525W	3855N	2471-14565	00000/0000	2-10018/0722	05/07/76	80	6566	55.7	121.2	GGGG	15	33
07525W	3431N	2488-14515	00000/0000	2-10018/1382	05/24/76	90	6803	59.1	107.9	GGGG	14	36
07526W	4304N	2544-14592	00000/0000	2-10020/1199	07/19/76	30	7584	55.2	119.6	GGGG	16	30
07526W	4303N	2526-14595	00000/0000	2-10020/0335	07/01/76	70	7333	57.3	117.6	FFFF	16	30
07526W	3901N	2579-14535	00000/0000	2-10021/1328	08/23/76	10	8072	49.9	125.0	GGGG	15	33
07526W	3434N	2416-14540	00000/0000	2-10016/1078	03/13/76	90	5799	40.8	132.1	GGGG	14	36
07526W	3432N	2542-14503	00000/0000	2-10020/1038	07/17/76	30	7556	57.1	105.0	FGGG	14	36
07527W	4306N	2418-15025	00000/0000	2-10017/0008	03/15/76	70	5827	36.6	138.9	GGGG	16	30
07527W	3855N	2435-14575	00000/0000	2-10017/0738	04/01/76	60	6064	45.3	131.6	GGGG	15	33
07527W	3850N	2489-14562	00000/0000	2-10019/0165	05/25/76	40	6817	58.4	115.4	GGGG	15	33
07527W	3438N	2704-14445	00000/0000	2-10025/1623	12/26/76	90	9815	23.5	145.6	GGGG	14	36
07527W	3437N	2596-14485	00000/0000	2-10020/0564	09/09/76	10	8309	47.9	127.1	GGGG	14	36
07528W	4309N	2616-14572	00000/0000	2-10023/0205	09/29/76	20	8588	37.5	142.9	GGFG	16	30
07528W	4259N	2508-15002	00000/0000	2-10019/0904	06/13/76	10	7082	58.1	118.6	GGGG	16	30
07528W	3853N	2561-14542	00000/0000	2-10021/0626	08/05/76	20	7821	53.6	117.8	GGGG	15	33
07528W	3434N	2686-14454	00000/0000	2-10025/1059	12/08/76	60	9564	25.1	147.4	GGGG	14	36
07529W	3859N	2705-14492	00000/0000	2-10026/0012	12/27/76	10	9829	20.3	147.4	FGGG	15	33
07529W	3433N	2668-14462	00000/0000	2-10025/0432	11/20/76	90	9313	28.5	147.4	GGGG	14	36
07530W	4301N	2400-15032	00000/0000	2-10016/0420	02/26/76	90	5576	30.1	141.7	GGGG	16	30
07530W	3857N	2723-14484	00000/0000	2-10026/0524	01/14/77	90	80	21.2	144.5	GGGG	15	33
07530W	3855N	2687-14500	00000/0000	2-10025/1069	12/09/76	10	9578	21.7	149.2	GGGG	15	33
07530W	3850N	2543-14545	00000/0000	2-10020/1100	07/18/76	20	7570	56.4	112.5	GGFG	15	33
07530W	3847N	2525-14552	00000/0000	2-10020/0267	06/30/76	80	7319	58.3	110.0	GGGG	15	33
07530W	3432N	2398-14543	00000/0000	2-10016/0313	02/24/76	10	5548	34.7	136.4	GGGG	14	36
07530W	3432N	2614-14482	00000/0000	2-10023/0116	09/27/76	20	8560	43.4	134.8	GGGG	14	36
07531W	4303N	2670-14552	00000/0000	2-10025/0526	11/22/76	80	9341	21.6	151.6	GGGG	16	30
07531W	4301N	2652-14560	00000/0000	2-10024/0364	11/04/76	90	9090	26.3	150.4	GGGG	16	30
07531W	3853N	2597-14532	00000/0000	2-10022/0823	09/10/76	100	8323	45.6	132.2	GGGG	15	33
07531W	3852N	2417-14582	00000/0000	2-10016/1137	03/14/76	10	5813	38.2	135.6	GG G	15	33
07531W	3845N	2507-14555	00000/0000	2-10019/0854	06/12/76	10	7068	59.1	111.0	FFGG	15	33
07531W	3430N	2650-14471	00000/0000	2-10024/0189	11/02/76	50	9062	33.2	145.0	GGGG	14	36
07531W	3428N	2632-14475	00000/0000	2-10023/0880	10/15/76	20	8811	38.3	141.0	FGGG	14	36
07532W	4302N	2634-14564	00000/0000	2-10023/1065	10/17/76	50	8839	31.8	147.5	GGGG	16	30
07533W	3850N	2615-14525	00000/0000	2-10023/0128	09/28/76	10	8574	40.6	139.0	GGGG	15	33

KEYS: CLBD COVER % ..... 0 TO 100 = % CLBD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0456

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN RALI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07533N	3847N	2399-14590	00000/0000	2-10016/0390	02/25/76	10	5562	32.5	139.1	GGGG		15	33
07534N	3848N	2669-14505	00000/0000	2-10025/0509	11/21/76	40	9327	25.1	149.5	GGGG		15	33
07534N	3419N	2350-14550	00000/0000	2-10015/0564	02/06/76	90	5297	29.7	140.2	GGGG		14	36
07535W	4249N	2392-15035	00000/0000	2-10015/0525	02/08/76	90	5325	24.6	144.6	FFFF		16	30
07535W	3846N	2633-14521	00000/0000	2-10023/0892	10/16/76	20	8825	35.2	144.4	GGGG		15	33
07535W	3846N	2651-14513	00000/0000	2-10024/0349	11/03/76	50	9076	29.8	148.0	GGGG		15	33
07538W	3835N	2381-14593	00000/0000	2-10015/0634	02/07/76	40	5311	27.2	142.4	GGGG		15	33
07539N	4606N	2455-15063	00000/0000	2-10018/0048	04/21/76	80	6343	48.2	135.4	GGGG		17	28
07539N	4603N	2473-15061	00000/0000	2-10018/0829	05/09/76	80	6594	53.1	131.4	GGGG		17	28
07542W	4608N	2551-15031	00000/0000	2-10021/1407	08/25/76	10	8100	46.1	134.3	GGGG		17	28
07542W	4603N	2437-15071	00000/0000	2-10017/0802	04/03/76	80	6092	42.0	138.5	GGGG		17	28
07544W	4605N	2707-14584	00000/0000	2-10026/0100	12/29/76	60	9857	15.0	150.1	GGGG		17	28
07545N	4602N	2563-15034	00000/0000	2-10021/0652	08/07/76	20	7849	50.5	128.7	GGGG		17	28
07545N	4601N	2599-15024	00000/0000	2-10022/0784	09/12/76	30	8351	41.0	140.1	GGGG		17	28
07545N	4556N	2491-15054	00000/0000	2-10019/0274	05/27/76	10	6845	56.2	127.0	GGGG		17	28
07547N	4557N	2419-15074	00000/0000	2-10017/0067	03/16/76	80	5841	35.2	141.1	GGGG		17	28
07547N	4555N	2545-15041	00000/0000	2-10020/1149	07/20/76	90	7598	54.0	124.3	GGGG		17	28
07547W	4553N	2527-15044	00000/0000	2-10020/0370	07/02/76	90	7347	56.4	122.5	GGGG		17	28
07547W	4552N	2365-15090	00000/0000	2-10015/0076	01/22/76	10	5088	18.5	148.9	GGGG		17	28
07547N	4552N	2509-15051	00000/0000	2-10019/0924	06/14/76	10	7096	57.2	123.5	GGGG		17	28
07547N	3318N	2452-14531	00000/0000	2-10017/1527	04/18/76	20	6301	53.0	119.5	GGGG		14	37
07547N	3310N	2470-14524	00000/0000	2-10018/0664	05/06/76	30	6552	57.1	112.2	GGGG		14	37
07548W	4559N	2617-15021	00000/0000	2-10023/0221	09/30/76	10	8602	35.2	145.4	GGGG		17	28
07548W	4556N	2671-15031	00000/0000	2-10025/0622	11/23/76	90	9355	19.1	152.9	GGGG		17	28
07549W	3312N	2560-14502	00000/0000	2-10021/0535	08/04/76	100	7807	54.9	108.7	GGGG		14	37
07550W	4552N	2401-15082	00000/0000	2-10016/0485	02/27/76	60	5590	28.6	143.5	FFFF		17	28
07550N	4551N	2653-15005	00000/0000	2-10024/0406	11/05/76	70	9104	23.8	152.1	GGGG		17	28
07550N	4152N	2454-15021	00000/0000	2-10018/0015	04/20/76	30	6329	50.1	130.4	GGGG		16	31
07550N	3315N	2578-14495	00000/0000	2-10021/1181	08/22/76	60	8058	52.1	116.8	GGGG		14	37
07550N	3314N	2434-14535	00000/0000	2-10017/0727	03/31/76	40	6050	47.6	125.7	GGGG		14	37
07550N	3304N	2524-14512	00000/0000	2-10020/0184	06/29/76	90	7305	58.7	99.6	GGGG	H	14	37
07551N	3306N	2488-14522	00000/0000	2-10018/1323	05/24/76	90	6803	59.2	105.3	GGGG		14	37
07552N	4547N	2635-15013	00000/0000	2-10023/1013	10/18/76	60	8853	29.5	149.5	GGGG		17	28
07552N	3737N	2453-14574	00000/0000	2-10017/1595	04/19/76	60	6315	51.7	125.1	GGGG		15	34
07552W	3308N	2416-14542	00000/0000	2-10016/1079	03/13/76	90	5799	41.5	130.8	GGGG		14	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER,  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0457

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN REEL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS						123 45678				
07552	3306N	2542-14505	00000/0000	2-10020/1039	07/17/76	20	7556	57.1	102.5	GGGG		14	37
07553	4145N	2472-15014	00000/0000	2-10018/0779	05/08/76	50	6580	54.8	125.3	GGGG		16	31
07553	4141N	2490-15011	00000/0000	2-10019/0146	05/26/76	90	6831	57.7	120.1	GGGG		16	31
07553	3729N	2471-14571	00000/0000	2-10018/0723	05/07/76	80	6566	56.1	118.9	GGGG		18	34
07553	3312N	2596-14492	00000/0000	2-10027/0565	09/09/76	10	8309	48.6	125.4	GGGG		14	37
07553	3312N	2704-14452	00000/0000	2-10025/1624	12/26/76	90	9815	24.5	145.0	GGGF		14	37
07554	3735N	2579-14541	00000/0000	2-10021/1329	08/23/76	10	8072	50.5	123.1	GGGG		15	34
07554	3308N	2686-14460	00000/0000	2-10025/1060	12/08/76	60	9564	26.1	146.7	GGGG		14	37
07555	4539N	2383-15085	00000/0000	2-10015/0677	02/09/76	10	5339	22.9	146.0	GGGG		17	28
07555	4151N	2580-14584	00000/0000	2-10027/0131	08/24/76	20	8086	48.5	128.9	GGGG		16	31
07555	4147N	2598-14581	00000/0000	2-10027/0804	09/11/76	60	8337	43.8	135.6	GGGG		16	31
07555	4146N	2436-15024	00000/0000	2-10017/0561	04/02/76	80	6078	44.1	134.4	GGGG		16	31
07555	4145N	2562-14591	00000/0000	2-10021/0672	08/06/76	100	7835	52.4	122.4	GGGG		16	31
07555	3729N	2435-14581	00000/0000	2-10017/0739	04/01/76	40	6064	46.0	130.1	GGGG		15	34
07555	3725N	2459-14564	00000/0000	2-10019/0166	05/25/76	30	6817	58.7	112.8	GGGG		18	34
07555	3307N	2668-14465	00000/0000	2-10025/0433	11/20/76	100	9313	29.5	146.6	GGGG		14	37
07556	4851N	2474-15110	00000/0000	2-10018/0914	05/10/76	20	6608	51.9	135.2	GGGG		18	26
07556	4150N	2706-14541	00000/0000	2-10026/0046	12/28/76	100	9843	18.2	148.5	GGGG		16	31
07556	4148N	2724-14533	00000/0000	2-10026/0480	01/15/77	40	94	19.3	145.6	GGGG		16	31
07556	3727N	2561-14545	00000/0000	2-10021/0627	08/05/76	20	7821	53.9	115.7	GGGG		15	34
07556	3306N	2398-14545	00000/0000	2-10016/0314	02/24/76	30	5548	35.5	135.3	GGGG		14	37
07556	3306N	2614-14485	00000/0000	2-10023/0117	09/27/76	20	8560	44.2	133.4	GGGG		14	37
07557	4855N	2438-15120	00000/0000	2-10017/0945	04/04/76	30	6106	40.7	141.2	GGFG		18	26
07557	4145N	2688-14550	2-10025/1646	2-10025/1120	12/10/76	10	9592	19.5	150.4	GGFG		16	31
07557	4139N	2544-14595	00000/0000	2-10027/1200	07/19/76	10	7584	55.6	117.3	GGGG		16	31
07557	4138N	2526-15002	00000/0000	2-10020/0336	07/01/76	60	7333	57.7	115.1	GGGG		16	31
07557	3304N	2650-14473	00000/0000	2-10024/0190	11/02/76	70	9062	34.2	144.4	GGGG		14	37
07557	3303N	2632-14481	00000/0000	2-10023/0881	10/15/76	40	8811	39.3	140.0	FGGF		14	37
07558	4854N	2708-15033	00000/0000	2-10026/0113	12/30/76	70	9871	12.9	151.2	GGGG		18	26
07558	4141N	2418-15032	00000/0000	2-10017/0004	03/15/76	60	5827	37.5	137.7	GGGG		16	31
07558	3733N	2705-14494	00000/0000	2-10026/0013	12/27/76	20	9829	21.3	146.8	GGGG		15	34
07558	3731N	2723-14490	00000/0000	2-10024/0525	01/14/77	90	80	22.2	143.8	GGGG		15	34
07558	3724N	2543-14552	00000/0000	2-10027/1101	07/18/76	60	7570	56.6	110.1	FGGF		15	34
07558	3722N	2525-14555	00000/0000	2-10020/0268	06/30/76	50	7319	58.5	107.4	FGGG		15	34
07559	4851N	2564-15083	00000/0000	2-10021/0731	08/08/76	50	7863	49.0	132.7	GGGG		18	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 29, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0458

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
07559W 4844N	2528-15094	00000/0000	2-10023/0430	07/03/76	10	7361	55.2	127.2	FGGG			18	26
07559W 4143N	2616-14574	00000/0000	2-10023/0206	09/29/76	30	8588	38.4	141.7	FGGG			16	31
07559W 4134N	2608-15006	00000/0000	2-10019/0905	06/13/76	50	7082	58.5	116.0	GGGG			16	31
07559W 3729N	2687-14503	00000/0000	2-10025/1070	12/09/76	10	9578	22.8	148.6	FF F			15	34
07559W 3728N	2597-14535	00000/0000	2-10022/0824	09/10/76	90	8323	46.3	130.7	GGGG			15	34
07559W 3726N	2417-14585	00000/0000	2-10016/1188	03/14/76	70	5813	39.6	134.4	GGGF			15	34
07559W 3719N	2507-14562	00000/0000	2-10019/0855	06/12/76	10	7068	59.3	108.4	FFGG			15	34
07600W 4851N	2690-15041	00000/0000	2-10025/1204	12/12/76	30	9620	13.7	153.3	GGGG			18	26
07600W 4848N	2420-15123	00000/0000	2-10017/0099	03/17/76	10	5855	33.8	143.2	GGGG			18	26
07600W 4844N	2492-15109	00000/0000	2-10019/0227	05/28/76	10	6859	55.1	131.3	GGGG			18	26
07600W 4843N	2546-15091	00000/0000	2-10020/1165	07/21/76	80	7612	52.7	128.8	GGGG			18	26
07600W 3253N	2380-14552	00000/0000	2-10015/0565	02/06/76	80	5297	30.6	139.4	GGGG			14	37
07601W 4135N	2652-14563	00000/0000	2-10024/0365	11/04/76	70	9090	27.4	149.7	GGGG			16	31
07601W 3725N	2615-14531	00000/0000	2-10023/0129	09/28/76	60	8574	41.4	137.8	GGGG			15	34
07601W 3721N	2399-14592	00000/0000	2-10016/0391	02/25/76	10	5562	33.3	138.1	GGGG			15	34
07602W 4849N	2600-15073	00000/0000	2-10022/0933	09/13/76	20	8365	38.9	143.0	GGGG			18	26
07602W 4841N	2366-15140	00000/0000	2-10014/1038	01/23/76	0	5102	16.5	150.1	GGGG			18	26
07602W 4841N	2510-15101	00000/0000	2-10019/1000	06/15/76	10	7110	56.1	128.1	FGGG			18	26
07602W 4138N	2670-14554	00000/0000	2-10025/0527	11/22/76	50	9341	22.7	150.9	GGGG			16	31
07602W 4137N	2634-14571	00000/0000	2-10023/1066	10/17/76	90	8839	32.8	146.6	FGFG			16	31
07602W 3721N	2651-14520	00000/0000	2-10024/0350	11/03/76	30	9076	30.8	147.1	GGGG			15	34
07603W 4842N	2636-15062	00000/0000	2-10023/1043	10/19/76	90	8867	26.9	151.5	GFFG			18	26
07603W 3723N	2669-14512	00000/0000	2-10025/0510	11/21/76	10	9327	26.1	148.8	GGGG			15	34
07603W 3721N	2633-14524	00000/0000	2-10023/0893	10/16/76	10	8825	36.1	143.4	GGGG			15	34
07605W 4846N	2618-15070	00000/0000	2-10023/0262	10/01/76	80	8616	32.9	147.8	FGGG			18	26
07605W 4840N	2402-15131	00000/0000	2-10016/0527	02/28/76	0	5604	27.1	145.2	GGGG			18	26
07606W 4841N	2654-15054	00000/0000	2-10024/0386	11/06/76	100	9118	21.3	153.6	GGGG			18	26
07606W 4125N	2382-15042	00000/0000	2-10015/0526	02/08/76	80	5325	25.5	143.8	FGGF			16	31
07606W 3705N	2381-14595	00000/0000	2-10015/0635	02/07/76	30	5311	28.1	141.6	GFFG			15	34
07610W 4827N	2384-15134	00000/0000	2-10015/0692	02/10/76	90	5353	21.2	147.4	GFFG			18	26
07612W 3151N	2452-14534	00000/0000	2-10017/1528	04/18/76	20	6301	53.5	117.5	GGGG			14	38
07612W 3144N	2470-14531	00000/0000	2-10018/0665	05/06/76	20	6552	57.3	109.8	FFGG			14	38
07613W 4441N	2455-15070	00000/0000	2-10018/0049	04/21/76	20	6343	49.0	133.7	GGGG			17	29
07613W 4438N	2473-15063	00000/0000	2-10018/0830	05/09/76	60	6594	53.8	129.3	GGGG			17	29
07614W 3146N	2560-14504	00000/0000	2-10021/0536	08/04/76	100	7807	55.1	106.5	FGGG			14	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0459

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL		MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT		POSITION RBV	ROLL NO./ IN ROLL MSS						RBV	MSS				
07615W	3150N	2578-14501	00000/0000	2-10021/1182	08/22/76	60	8058	52.5	114.8	GGGG				14	38
07615W	3148N	2434-14541	00000/0000	2-10017/0728	03/31/76	30	6050	48.2	124.0	GGGG				14	38
07616W	4443N	2581-15033	00000/0000	2-10021/1408	08/25/76	10	8100	46.8	132.7	GGGG				17	29
07616W	4438N	2437-15073	00000/0000	2-10017/0803	04/03/76	70	6092	42.9	137.1	GGGG				17	29
07616W	3140N	2488-14524	00000/0000	2-10018/1384	05/24/76	40	6803	59.3	102.7	GGGG				14	38
07616W	3138N	2524-14515	00000/0000	2-10020/0185	06/29/76	100	7305	58.7	97.0	GGGG				14	38
07617W	3142N	2416-14545	00000/0000	2-10016/1080	03/13/76	80	5799	42.2	129.5	GGGG				14	38
07617W	3140N	2542-14512	00000/0000	2-10020/1040	07/17/76	20	7556	57.1	100.1	GGGG				14	38
07618W	4440N	2707-14590	00000/0000	2-10026/0101	12/29/76	50	9857	16.1	149.5	GGGG				17	29
07618W	4438N	2725-14582	00000/0000	2-10026/0552	01/16/77	40	108	17.4	146.7	GGGG				17	29
07618W	4437N	2563-15041	00000/0000	2-10021/0653	08/07/76	50	7849	51.1	126.7	GGGG				17	29
07618W	3147N	2722-14450	00000/0000	2-10026/0469	01/13/77	50	66	26.0	141.3	GGG				14	38
07618W	3146N	2704-14454	00000/0000	2-10025/1625	12/26/76	90	9815	25.5	144.3	GGGF				14	38
07619W	4435N	2599-15031	00000/0000	2-10022/0785	09/12/76	10	8351	41.8	138.7	GGGG				17	29
07619W	4430N	2491-15060	00000/0000	2-10019/0275	05/27/76	10	6845	56.8	124.6	GGGG				17	29
07619W	3612N	2453-14580	00000/0000	2-10017/1596	04/19/76	70	6315	52.3	123.2	GGGG				15	35
07619W	3146N	2596-14494	00000/0000	2-10022/0566	09/09/76	30	8309	49.1	123.7	GGGG				14	38
07620W	4432N	2419-15041	00000/0000	2-10017/0068	03/16/76	100	5841	36.1	139.9	FGFG				17	29
07620W	4430N	2545-15044	00000/0000	2-10020/1150	07/20/76	90	7598	54.5	122.1	GGGG				17	29
07620W	4429N	2527-15051	00000/0000	2-10020/0371	07/02/76	70	7347	56.8	120.0	GGGG				17	29
07620W	4426N	2509-15054	00000/0000	2-10018/0925	06/14/76	10	7096	57.7	121.0	PGGG				17	29
07620W	3143N	2686-14463	00000/0000	2-10025/1061	12/08/76	70	9564	27.2	146.0	GGGG				14	38
07620W	3141N	2668-14471	00000/0000	2-10025/0434	11/20/76	100	9313	30.6	145.9	GGGG				14	38
07621W	4427N	2365-15093	00000/0000	2-10015/0077	01/22/76	10	5088	19.5	148.3	GGFG				17	29
07621W	4027N	2454-15023	00000/0000	2-10018/0016	04/20/76	10	6329	50.8	128.5	GGGG				16	32
07621W	3609N	2579-14544	00000/0000	2-10021/1330	08/23/76	10	8072	51.0	121.2	GGGG				15	35
07621W	3604N	2471-14574	00000/0000	2-10018/0724	05/07/76	60	6566	56.6	116.6	FGFG				15	35
07621W	3141N	2398-14552	00000/0000	2-10014/0315	02/24/76	50	5548	36.4	134.3	GGGG				14	38
07621W	3140N	2614-14491	00000/0000	2-10023/0118	09/27/76	10	8560	45.0	132.1	GGGG				14	38
07622W	4434N	2617-15023	00000/0000	2-10023/0222	09/30/76	20	8602	36.2	144.3	GGGG				17	29
07622W	4431N	2671-15003	00000/0000	2-10025/0623	11/23/76	70	9355	20.2	152.3	GGGG				17	29
07622W	4020N	2472-15020	00000/0000	2-10018/0780	05/08/76	20	6580	55.4	123.1	GGGG				16	32
07622W	3139N	2650-14480	00000/0000	2-10024/0191	11/02/76	60	9062	35.2	143.5	FGGG				14	38
07622W	3137N	2632-14484	00000/0000	2-10023/0882	10/15/76	20	8811	40.2	138.8	FGFG				14	38
07623W	3603N	2435-14554	00000/0000	2-10017/0740	04/01/76	50	6064	46.7	128.5	GGGG				15	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0460

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN RLL MSS	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
07623W 3601N	2561-14551	00000/0000	2-10021/0628	08/05/76	10	7821	54.3	113.5	GGGG			15	35
07623W 3559N	2489-14571	00000/0000	2-10019/0167	05/25/76	20	6817	58.9	110.3	GGGG			15	35
07624W 4427N	2401-15084	00000/0000	2-10016/0486	02/27/76	40	5590	29.5	142.5	FGGG			17	29
07624W 4426N	2653-15012	00000/0000	2-10024/0407	11/05/76	60	9104	24.9	151.3	GGGG			17	29
07624W 4019N	2562-14594	00000/0000	2-10021/0673	08/06/76	60	7835	52.9	120.3	GGGG			16	32
07624W 4016N	2490-15014	00000/0000	2-10019/0147	05/26/76	90	6831	58.1	117.6	GGGG			16	32
07625W 4025N	2580-14591	00000/0000	2-10022/0132	08/24/76	20	8086	49.1	127.1	GGGG			16	32
07625W 4021N	2436-15031	00000/0000	2-10017/0562	04/02/76	80	6078	44.9	132.9	GGGG			16	32
07625W 3607N	2705-14501	00000/0000	2-10026/0014	12/27/76	10	9829	22.4	146.1	GGGG			15	35
07625W 3605N	2723-14493	00000/0000	2-10026/0526	01/14/77	100	80	23.2	143.1	GGGG			15	35
07625W 3557N	2525-14561	00000/0000	2-10020/0269	06/30/76	50	7319	58.6	104.8	GGGG			15	35
07625W 3127N	2380-14555	00000/0000	2-10015/0566	02/06/76	60	5297	31.5	138.5	FFFG			14	38
07626W 4422N	2635-15020	00000/0000	2-10023/1014	10/18/76	50	8853	30.5	148.6	GGGG			17	29
07626W 4025N	2706-14544	00000/0000	2-10026/0047	12/28/76	90	9843	19.2	147.9	GGGG			16	32
07626W 4023N	2724-14535	00000/0000	2-10026/0481	01/15/77	40	94	20.3	144.9	GGGG			16	32
07626W 4021N	2598-14584	00000/0000	2-10022/0805	09/11/76	40	8337	44.6	134.2	GGGG			16	32
07626W 3602N	2597-14541	00000/0000	2-10022/0825	09/10/76	80	8323	47.0	129.1	GGGG			15	35
07626W 3601N	2417-14591	00000/0000	2-10016/1189	03/14/76	90	5813	40.3	133.1	GGGG			15	35
07626W 3558N	2543-14554	00000/0000	2-10020/1102	07/18/76	80	7570	56.8	107.7	GF0F			15	35
07626W 3553N	2507-14564	00000/0000	2-10019/0856	06/12/76	20	7068	59.5	105.7	FFGG			15	35
07627W 4019N	2658-14552	2-10025/1647	2-10025/1121	12/10/76	10	9592	20.5	149.8	GGG GGGG			16	32
07627W 4016N	2418-15034	00000/0000	2-10017/0009	03/15/76	40	5827	38.3	136.5	GGGG			16	32
07627W 4014N	2544-15001	00000/0000	2-10020/1201	07/19/76	10	7584	55.9	115.0	GGGG			16	32
07627W 4013N	2526-15004	00000/0000	2-10020/0337	07/01/76	40	7333	58.0	112.6	GGGG			16	32
07627W 3603N	2687-14505	00000/0000	2-10025/1071	12/09/76	10	9578	23.8	148.0	GGFG			15	35
07628W 4009N	2508-15011	00000/0000	2-10019/0906	06/13/76	80	7082	58.8	113.4	GGGG			16	32
07628W 3559N	2615-14534	00000/0000	2-10023/0130	09/28/76	70	8574	42.3	136.5	GGGG			15	35
07629W 4414N	2383-15091	00000/0000	2-10015/0678	02/09/76	10	5339	23.9	145.2	GGGG			17	29
07629W 4018N	2616-14581	00000/0000	2-10023/0207	09/29/76	30	8588	39.4	140.6	GF0G			16	32
07629W 3556N	2399-14595	00000/0000	2-10016/0332	02/25/76	0	5562	34.2	137.1	GGGG			15	35
07629W 3556N	2651-14522	00000/0000	2-10024/0351	11/03/76	60	9076	31.9	146.3	GGGG			15	35
07630W 4011N	2652-14565	00000/0000	2-10024/0366	11/04/76	40	9090	28.4	148.9	GGGG			16	32
07630W 3558N	2669-14514	00000/0000	2-10025/0511	11/21/76	10	9327	27.2	148.1	GGGG			15	35
07630W 3555N	2633-14530	00000/0000	2-10023/0894	10/16/76	10	8825	37.1	142.4	FGGG			15	35
07631W 4013N	2670-14561	00000/0000	2-10025/0528	11/22/76	50	9341	23.8	150.2	GGGG			16	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0461

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SRRIT PATH NUM.	FRAME ROW NUM.
07631..	4011N	2400-15041	00000/0000	2-10016/0421	02/26/76	30	5576	31.9	139.8				32
07632..	4012N	2434-14573	2-10023/1420	2-10023/1067	10/17/76	90	8839	33.8	145.6	PFF		16	32
07633..	4730N	2438-15122	00000/0000	2-10017/0946	04/04/76	10	6106	41.5	139.8			18	27
07633..	4726N	2474-15112	00000/0000	2-10018/0915	05/10/76	10	6608	52.6	133.2			18	27
07634..	4731N	2582-15083	00000/0000	2-10021/1423	08/26/76	60	8114	45.0	136.2			18	27
07634..	4730N	2708-15040	00000/0000	2-10026/0114	12/30/76	10	9871	14.0	150.6			18	27
07634..	3544N	2381-15002	00000/0000	2-10015/0636	02/07/76	20	5311	29.1	140.8			15	35
07636..	4726N	2690-15044	00000/0000	2-10025/1205	12/12/76	90	9620	14.8	152.7			18	27
07636..	4725N	2564-15090	00000/0000	2-10021/0732	08/08/76	90	7863	49.7	130.8			18	27
07636..	4723N	2420-15130	00000/0000	2-10017/0100	03/17/76	10	5855	34.7	142.1			18	27
07636..	4719N	2492-15110	00000/0000	2-10019/0228	05/28/76	10	6859	55.7	129.0			18	27
07636..	4719N	2528-15100	00000/0000	2-10020/0431	07/03/76	50	7361	55.7	124.9			18	27
07636..	4718N	2546-15093	00000/0000	2-10020/1166	07/21/76	90	7612	53.3	126.6			18	27
07637..	3025N	2452-14540	00000/0000	2-10017/1529	04/18/76	10	6301	53.9	115.4			14	39
07637..	3018N	2470-14533	00000/0000	2-10018/0666	05/06/76	30	6552	57.5	107.4			14	39
07638..	3020N	2560-14511	00000/0000	2-10021/0537	08/04/76	90	7807	55.2	104.2			14	39
07639..	4724N	2600-15030	00000/0000	2-10022/0934	09/13/76	10	8365	39.8	141.7			18	27
07639..	4717N	2366-15142	00000/0000	2-10014/1039	01/23/76	0	5102	17.6	149.5			18	27
07639..	4717N	2636-15065	00000/0000	2-10023/1044	10/19/76	90	8867	28.0	150.6			18	27
07639..	4716N	2510-15103	00000/0000	2-10019/1001	06/15/76	20	7110	56.7	125.7			18	27
07640..	3023N	2578-14504	00000/0000	2-10021/1183	08/22/76	50	8058	52.8	112.8			14	39
07640..	3022N	2434-14544	00000/0000	2-10017/0729	03/31/76	30	6050	48.8	122.3			14	39
07641..	4722N	2618-15073	00000/0000	2-10023/0263	10/01/76	20	8616	33.9	146.7			18	27
07641..	3014N	2488-14531	00000/0000	2-10018/1385	05/24/76	30	6803	59.3	100.1			14	39
07641..	3014N	2542-14514	00000/0000	2-10020/1041	07/17/76	20	7556	57.1	97.7			14	39
07641..	3013N	2524-14521	00000/0000	2-10020/0186	06/29/76	90	7305	58.6	94.5			14	39
07642..	4716N	2402-15133	00000/0000	2-10016/0528	02/28/76	0	5604	28.0	144.3			18	27
07642..	3020N	2704-14461	00000/0000	2-10025/1626	12/26/76	90	9815	26.5	143.6			14	39
07642..	3016N	2416-14551	00000/0000	2-10016/1081	03/13/76	20	5799	42.9	128.2			14	39
07643..	4716N	2654-15061	00000/0000	2-10024/0387	11/06/76	90	9118	22.4	152.9			18	27
07643..	3020N	2722-14453	00000/0000	2-10026/0470	01/13/77	60	66	26.9	140.6			14	39
07644..	3019N	2596-14501	00000/0000	2-10022/0567	09/09/76	90	8309	49.7	122.0			14	39
07645..	3016N	2668-14474	00000/0000	2-10025/0435	11/20/76	90	9313	31.6	145.1			14	39
07645..	3016N	2686-14465	00000/0000	2-10025/1062	12/08/76	70	9564	28.2	145.3			14	39
07645..	3014N	2614-14494	00000/0000	2-10023/0119	09/27/76	10	8560	45.7	130.6			14	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0462

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN ROLL RBV MSS	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07646N	4316N	2455-1507P	00000/0000	2-10018/0050	04/21/76	20	6343	49.7	131.9	GGGG		17	30
07646N	4312N	2473-1507N	00000/0000	2-10018/0831	05/09/76	40	6594	54.4	127.2	GGGG		17	30
07646N	3446N	2453-14583	00000/0000	2-10017/1597	04/19/76	40	6315	52.8	121.2	GGGG		15	36
07646N	3015N	2398-14554	00000/0000	2-10016/0316	02/24/76	70	5548	37.2	130.2	GGGG		14	39
07647W	4703N	2384-1514N	00000/0000	2-10015/0693	02/10/76	90	5353	22.2	146.6	FFGF		18	27
07647W	3443N	2579-14550	00000/0000	2-10021/1331	08/23/76	40	8072	51.5	119.3	GGGG		15	36
07647W	3438N	2471-14580	00000/0000	2-10018/0725	05/07/76	60	6566	56.9	114.3	GGGG		15	36
07647W	3012N	2650-1448P	00000/0000	2-10024/0192	11/02/76	80	9062	36.2	142.6	GGGG		14	39
07647W	3011N	2632-1449N	00000/0000	2-10023/0883	10/15/76	60	8811	41.1	137.7	FFGG		14	39
07648N	4317N	2581-1504N	00000/0000	2-10021/1409	08/25/76	10	8100	47.5	131.0	GGGG		17	30
07648N	4313N	2437-15080	00000/0000	2-10017/0804	04/03/76	80	6092	43.7	135.7	GGGG		17	30
07649N	3437N	2435-14590	00000/0000	2-10017/0741	04/01/76	40	6064	47.3	126.5	GGGG		15	36
07649N	3433N	2489-14573	00000/0000	2-10019/0168	05/25/76	90	6817	59.1	107.7	GGGG		15	36
07650N	4315N	2707-14593	00000/0000	2-10024/0102	12/23/76	80	9857	17.1	148.9	GGG		17	30
07650N	4312N	2563-15043	00000/0000	2-10021/0654	08/07/76	90	7849	51.7	124.7	GGGG		17	30
07650W	3436N	2561-14554	00000/0000	2-10021/0629	08/05/76	20	7821	54.6	111.3	GGGG		15	36
07650W	3002N	2380-14561	00000/0000	2-10015/0567	02/06/76	40	5297	32.4	137.6	FFFF		14	39
07651W	4313N	2725-14585	00000/0000	2-10026/0553	01/16/77	40	108	18.4	146.0	GGGG		17	30
07651W	4305N	2431-15063	00000/0000	2-10019/0276	05/27/76	10	6845	57.3	122.2	GGFG		17	30
07651W	3901N	2454-15030	00000/0000	2-10018/0017	04/20/76	10	6329	51.4	126.7	GGGG		16	33
07651W	3854N	2472-15023	00000/0000	2-10018/0731	05/08/76	30	6580	55.9	120.8	GGGG		16	33
07651W	3440N	2723-14495	00000/0000	2-10026/0527	01/14/77	90	80	24.1	142.5	FFFF		15	36
07652N	4310N	2599-15033	00000/0000	2-10022/0786	09/12/76	10	8351	42.7	137.3	FGGG		17	30
07652N	4309N	2689-15001	00000/0000	2-10025/1147	12/11/76	40	9600	18.2	150.9	GGGG		17	30
07652N	4305N	2545-15050	00000/0000	2-10020/1151	07/20/76	80	7598	55.0	119.9	GGGG		17	30
07652N	4304N	2527-15053	00000/0000	2-10020/0372	07/02/76	70	7347	57.2	117.6	GGGG		17	30
07652N	3441N	2705-14503	00000/0000	2-10026/0015	12/27/76	10	9829	23.4	145.5	GGPG		15	36
07652N	3433N	2543-14561	00000/0000	2-10020/1103	07/18/76	90	7570	56.9	105.3	GFF		15	36
07652W	3432N	2525-14564	00000/0000	2-10020/0270	06/30/76	80	7319	58.7	102.2	GGGG		15	36
07652W	3427N	2507-14571	00000/0000	2-10019/0857	06/12/76	10	7068	59.6	103.1	FFGG		15	36
07653N	4307N	2419-15033	00000/0000	2-10017/0069	03/16/76	100	5841	37.0	138.7	FGGG		17	30
07653N	4301N	2509-15060	00000/0000	2-10019/0926	06/14/76	10	7096	58.1	118.5	GGGG		17	30
07653N	3436N	2597-14544	00000/0000	2-10022/0826	09/10/76	70	8323	47.7	127.5	GGGG		15	36
07653N	3436N	2687-1451P	00000/0000	2-10025/1072	12/09/76	10	9578	24.9	147.3	GGGG		15	36
07653W	3435N	2417-14594	00000/0000	2-10016/1190	03/14/76	90	5813	41.1	131.9	GFGG		15	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0463

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN RBL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	BRIGHT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
07654w	4309N	2617-1503n	00000/0000	2-10023/0223	09/30/76	70	8602	37.2	143.2	GGGG		17	30
07654w	4306N	2671-1501n	00000/0000	2-10025/0624	11/23/76	80	9355	21.3	151.6	GGGG		17	30
07654w	4301N	2365-1509S	00000/0000	2-10015/0078	01/22/76	60	5088	20.5	147.6	GGFF		17	30
07654w	3859N	2580-1459S	00000/0000	2-10022/0133	08/24/76	30	8086	49.7	125.3	GGGG		16	33
07654w	3850N	2490-1502n	00000/0000	2-10019/0148	05/26/76	90	6831	58.4	115.1	GGGG		16	33
07655w	3859N	2706-1455n	00000/0000	2-10026/0048	12/28/76	50	9843	20.3	147.2	GGGG		16	33
07655w	3857N	2724-1454n	00000/0000	2-10026/0482	01/15/77	10	94	21.3	144.3	GGGG		16	33
07655w	3856N	2598-1459n	00000/0000	2-10022/0806	09/11/76	10	8337	45.3	132.7	GGGG		16	33
07655w	3855N	2436-1503S	00000/0000	2-10017/0563	04/02/76	80	6078	45.6	131.4	GGGG		16	33
07655w	3849N	2526-15011	00000/0000	2-10020/0338	07/01/76	30	7333	58.2	110.1	GGGG		16	33
07655w	3848N	2544-15004	00000/0000	2-10020/1202	07/19/76	10	7584	56.2	112.7	GGGG		16	33
07655w	3433N	2615-1454n	00000/0000	2-10023/0131	09/28/76	80	8574	43.1	135.2	GGGG		15	36
07655w	3430N	2399-15031	00000/0000	2-10016/0393	02/25/76	10	5562	35.0	136.1	GGGG		15	36
07656w	4302N	2401-15091	00000/0000	2-10016/0487	02/27/76	10	5590	30.4	141.6	GGGG		17	30
07656w	4301N	2653-15014	00000/0000	2-10024/0408	11/05/76	60	9104	26.0	150.5	GGGG		17	30
07656w	3850N	2418-15041	00000/0000	2-10017/0010	03/15/76	40	5827	39.1	135.3	GGGG		16	33
07656w	3432N	2669-14521	00000/0000	2-10025/0512	11/21/76	50	9327	28.3	147.4	GGGG		15	36
07656w	3430N	2651-14525	00000/0000	2-10024/0352	11/03/76	90	9076	32.9	145.5	GGGG		15	36
07657w	3853N	2688-14555	2-10025/1648	2-10025/1122	12/10/76	10	9592	21.6	149.1	FGG GGGG		16	33
07657w	3844N	2508-15014	00000/0000	2-10019/0907	06/13/76	60	7082	59.1	110.8	GGGG		16	33
07657w	3429N	2633-14533	00000/0000	2-10023/0895	10/16/76	20	8825	38.1	141.3	PGGG		15	36
07658w	4257N	2635-15022	00000/0000	2-10023/1015	10/18/76	70	8853	31.5	147.6	GGGG		17	30
07658w	3852N	2616-14583	00000/0000	2-10023/0208	09/29/76	90	8588	40.3	139.4	GGGG		16	33
07659w	3846N	2652-14572	00000/0000	2-10024/0367	11/04/76	50	9090	29.5	148.1	GGGG		16	33
07700w	3848N	2670-14563	00000/0000	2-10025/0529	11/22/76	40	9341	24.9	149.6	GGGG		16	33
07700w	3845N	2400-15044	00000/0000	2-10016/0422	02/26/76	80	5576	32.8	138.9	GGGG		16	33
07700w	3418N	2381-15034	00000/0000	2-10015/0637	02/07/76	50	5311	30.0	140.0	GGGG		15	36
07701w	4249N	2383-15094	00000/0000	2-10015/0679	02/09/76	30	5339	24.8	144.4	GGGG		17	30
07701w	3847N	2634-1455n	2-10023/1421	2-10023/1068	10/17/76	100	8839	34.8	144.6	FPP GGGG		16	33
07701w	2852N	2470-14540	00000/0000	2-10018/0667	05/06/76	50	6552	57.7	105.0	GG		14	40
07702w	2854N	2560-14513	00000/0000	2-10021/0538	08/04/76	70	7807	55.3	102.0	GGGG		14	40
07704w	3833N	2382-15051	00000/0000	2-10015/0527	02/08/76	20	5325	27.4	142.2	FFFG		16	33
07704w	2857N	2578-14510	00000/0000	2-10021/1134	08/22/76	60	8058	53.1	110.8	GGGG		14	40
07704w	2856N	2434-14550	00000/0000	2-10017/0731	03/31/76	50	6050	49.3	120.6	GG		14	40
07705w	2848N	2542-14521	00000/0000	2-10020/1042	07/17/76	20	7556	57.0	95.3	GGGG		14	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0464

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RLL MSS	DATE ACQUIRED	CLBD COVER %	SRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
07706W	2854N	2704-14463	00000/0000	2-10025/1627	12/26/76	90	9815	27.5	142.9	GGGF		14	40
07706W	2851N	2416-14554	00000/0000	2-10016/1082	03/13/76	10	5799	43.6	126.8	GG	H	14	40
07706W	2848N	2488-14537	00000/0000	2-10018/1386	05/24/76	40	6803	59.3	97.5	GG	H	14	40
07706W	2846N	2524-14524	00000/0000	2-10020/0187	06/29/76	70	7305	58.4	92.0	GGGG	H	14	40
07707W	2854N	2722-14455	00000/0000	2-10026/0471	01/13/77	20	66	27.9	139.8	GGGG		14	40
07708W	4605N	2438-15125	00000/0000	2-10017/0947	04/04/76	0	6106	42.4	138.4	GGGG		18	28
07708W	4601N	2474-15115	00000/0000	2-10018/0916	05/10/76	0	6608	53.4	131.1	FFGG		18	28
07708W	2853N	2596-14503	00000/0000	2-10022/0568	09/09/76	50	8309	50.2	120.2	GGGG		14	40
07708W	2850N	2668-14485	00000/0000	2-10025/0436	11/20/76	90	9313	32.6	144.3	GGGG		14	40
07709W	4606N	2582-15085	00000/0000	2-10021/1424	08/26/76	50	8114	45.8	134.6	GGGG		18	28
07709W	4605N	2708-15042	00000/0000	2-10026/1115	12/30/76	10	9871	15.0	150.0	GGGG		18	28
07709W	2850N	2686-14472	00000/0000	2-10025/1063	12/08/76	50	9564	29.2	144.6	GGGG		14	40
07710W	4600N	2554-15092	00000/0000	2-10021/0733	08/08/76	90	7863	50.3	128.9	FFGG		18	28
07710W	2848N	2614-14500	00000/0000	2-10023/1120	09/27/76	10	8560	46.5	129.2	GGGG		14	40
07711W	4602N	2690-15050	00000/0000	2-10025/1206	12/12/76	100	9620	15.9	152.1	GGGG		18	28
07711W	4558N	2420-15132	00000/0000	2-10017/0101	03/17/76	10	5855	35.6	140.9	GGGG		18	28
07711W	4554N	2492-15112	00000/0000	2-10019/0229	05/28/76	10	6859	56.3	126.7	GGGG		18	28
07711W	4554N	2528-15103	00000/0000	2-10020/0432	07/03/76	90	7361	56.3	122.5	GGGG		18	28
07711W	4554N	2546-15100	00000/0000	2-10020/1167	07/21/76	50	7612	53.9	124.5	GGGG		18	28
07711W	2849N	2398-14561	00000/0000	2-10016/0317	02/24/76	70	5548	37.9	132.1	GGGG		14	40
07711W	2848N	2650-14485	00000/0000	2-10024/0193	11/02/76	40	9062	37.1	141.6	GGGG		14	40
07711W	2845N	2632-14493	00000/0000	2-10023/0884	10/15/76	70	8811	42.0	136.5	GGGG		14	40
07712W	3319N	2453-14585	00000/0000	2-10017/1598	04/19/76	30	6315	53.3	119.2	GGGG		15	37
07713W	3317N	2579-14553	00000/0000	2-10021/1332	08/23/76	50	8072	51.9	117.4	GGGG		15	37
07714W	4558N	2600-15082	00000/0000	2-10022/0935	09/13/76	10	8365	40.7	140.4	GGGG		18	28
07714W	4551N	2510-15110	00000/0000	2-10019/1002	06/15/76	10	7110	57.2	123.3	FFGG		18	28
07714W	3311N	2471-14583	00000/0000	2-10018/0726	05/07/76	50	6566	57.2	111.9	GGGG		15	37
07714W	2836N	2330-14564	00000/0000	2-10015/0568	02/06/76	20	5297	33.3	136.7	FFFF		14	40
07715W	4552N	2366-15145	00000/0000	2-10014/1040	01/23/76	0	5102	18.6	148.8	GGGG		18	28
07715W	4552N	2636-15071	00000/0000	2-10023/1045	10/19/76	90	8867	29.1	149.7	FFGG		18	28
07715W	3311N	2435-14593	00000/0000	2-10017/0742	04/01/76	60	6064	47.9	125.3	GGGG		15	37
07715W	3308N	2489-14580	00000/0000	2-10019/0169	05/25/76	80	6817	59.3	105.0	GGGG		15	37
07716W	3310N	2561-14560	00000/0000	2-10021/0630	08/05/76	20	7821	54.8	109.1	GGGG		15	37
07717W	4557N	2618-15075	00000/0000	2-10023/0264	10/01/76	0	8616	34.9	145.7	FFGG		18	28
07717W	4551N	2402-15140	00000/0000	2-10016/0529	02/28/76	10	5604	29.0	143.3	GGGG		18	28

KEYS: CLBD COVER % ..... 0 TO 100 = % CLBD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0465

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07717W	4150N	2455-15075	00000/0000	2-10018/0051	04/21/76	30	6343	50.4	130.1	GGGG	17	31
07717W	4146N	2473-15072	00000/0000	2-10018/0832	05/09/76	10	6594	55.0	125.0	GGGG	17	31
07717W	3313N	2723-14502	00000/0000	2-10026/0528	01/14/77	90	80	25.1	141.8	FFFF	15	37
07718W	4552N	2654-15063	00000/0000	2-10024/0388	11/06/76	90	9118	23.5	152.1	GGGG	18	28
07718W	3315N	2705-14510	00000/0000	2-10026/0016	12/27/76	20	9829	24.4	144.9	FGGG	15	37
07718W	3309N	2417-15000	00000/0000	2-10018/1191	03/14/76	90	5813	41.8	130.6	GGGG	15	37
07718W	3307N	2525-14570	00000/0000	2-10020/0271	06/30/76	70	7319	58.7	99.7	GGGG	15	37
07718W	3307N	2543-14563	00000/0000	2-10020/1104	07/18/76	90	7570	57.0	102.8	FFFP	15	37
07718W	3302N	2507-14573	00000/0000	2-10019/0858	06/12/76	0	7068	59.6	100.4	FFGG	15	37
07719W	4151N	2581-15042	00000/0000	2-10021/1410	08/25/76	30	8100	48.2	129.3	GGGG	17	31
07719W	4147N	2437-15082	00000/0000	2-10017/0805	04/03/76	90	6092	44.5	134.2	GGGG	17	31
07719W	3735N	2454-15032	00000/0000	2-10018/0018	04/20/76	10	6329	52.0	124.8	GGGG	16	34
07719W	3729N	2472-15025	00000/0000	2-10018/0782	05/08/76	50	6580	56.3	118.6	GGGG	16	34
07719W	3310N	2687-14514	00000/0000	2-10025/1073	12/09/76	30	9578	26.0	146.7	GGGG	15	37
07719W	3309N	2597-14550	00000/0000	2-10022/0827	09/10/76	70	8323	48.3	125.9	GGGG	15	37
07720W	4856N	2457-15171	00000/0000	2-10018/0144	04/23/76	90	6371	47.2	138.4	GGGG	19	26
07721W	4853N	2475-15164	00000/0000	2-10018/0892	05/11/76	90	6622	52.1	135.0	GGGG	19	26
07721W	4149N	2707-14595	00000/0000	2-10026/0103	12/29/76	50	9837	18.2	148.3	GGG	17	31
07721W	4146N	2563-15050	00000/0000	2-10021/0055	08/07/76	100	7849	52.2	122.7	GGGG	17	31
07721W	3307N	2615-14543	00000/0000	2-10023/0132	03/28/76	70	8574	43.9	133.9	GGGG	15	37
07721W	3305N	2399-15004	00000/0000	2-10016/0394	02/25/76	50	5562	35.9	135.1	GGGG	15	37
07722W	4855N	2439-15174	00000/0000	2-10017/0818	04/05/76	10	6120	41.0	141.1	GGGG	19	26
07722W	4537N	2384-15143	00000/0000	2-10015/0694	02/10/76	90	5353	23.2	145.8	FGFF	18	28
07722W	4148N	2725-14591	00000/0000	2-10026/0554	01/16/77	70	108	19.4	145.4	GGGG	17	31
07722W	4141N	2545-15053	00000/0000	2-10020/1152	07/20/76	60	7598	55.4	117.6	GGGG	17	31
07722W	4140N	2491-15065	00000/0000	2-10019/0277	05/27/76	10	6845	57.8	119.8	GGGG	17	31
07722W	3733N	2580-15000	00000/0000	2-10022/0134	08/24/76	10	8086	50.3	123.5	GGGG	17	31
07722W	3724N	2490-15023	00000/0000	2-10019/0149	05/24/76	90	6831	58.8	112.5	GGGG	16	34
07722W	3306N	2669-14523	00000/0000	2-10025/0513	11/21/76	90	9327	29.3	146.7	GGGG	15	37
07722W	3304N	2651-14531	00000/0000	2-10024/0353	11/03/76	90	9076	33.9	144.6	GGGG	15	37
07723W	4145N	2599-15040	00000/0000	2-10022/0787	09/12/76	0	8351	43.5	135.9	GGGG	17	31
07723W	4138N	2527-15060	00000/0000	2-10020/0373	07/02/76	30	7347	57.6	115.1	GGGG	17	31
07723W	3731N	2724-14544	00000/0000	2-10026/0483	01/15/77	20	94	22.3	143.6	GGGG	16	34
07723W	3730N	2436-15040	00000/0000	2-10017/0564	04/02/76	40	6078	46.3	129.8	GGGG	16	34
07723W	3724N	2526-15013	00000/0000	2-10020/0339	07/01/76	30	7333	58.4	107.5	FGGG	16	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0466

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07723N	3723N	2544-15010	00000/0000	2-10020/1203	07/19/76	10	7584	56.5	110.3	GGGG		16	34
07723N	3304N	2633-14535	00000/0000	2-10023/0896	10/16/76	30	8825	39.0	140.3	FGGG		15	37
07724N	4850N	2421-15182	00000/0000	2-10017/0207	03/18/76	0	5869	34.2	143.1	GGGG		19	26
07724N	4143N	2689-15004	00000/0000	2-10025/1148	12/11/76	10	9606	19.3	150.3	GGGG		17	31
07724N	4142N	2419-15090	00000/0000	2-10017/0070	03/16/76	100	5841	37.9	137.6	FGGG		17	31
07724N	4136N	2509-15063	00000/0000	2-10019/0927	06/14/76	30	7096	58.5	115.9	GGGG		17	31
07724N	3733N	2706-14553	00000/0000	2-10026/0049	12/28/76	60	9843	21.3	146.6	GGGG		16	34
07724N	3730N	2598-14599	00000/0000	2-10027/0807	09/11/76	10	8337	46.1	131.2	GGGG		16	34
07724N	3718N	2508-15020	00000/0000	2-10019/0908	06/13/76	80	7082	59.3	108.2	GGGG		16	34
07725N	4854N	2553-15134	00000/0000	2-10027/0172	08/27/76	50	8128	44.0	138.1	FGGG		19	26
07725N	4854N	2727-15083	00000/0000	2-10026/0623	01/18/77	90	136	14.7	148.3	GGGG		19	26
07725N	4853N	2565-15147	00000/0000	2-10021/0786	08/09/76	40	7877	48.7	133.0	GGGG		19	26
07725N	4141N	2671-15012	00000/0000	2-10025/0625	11/23/76	80	9355	22.4	150.9	GGGG		17	31
07725N	4136N	2365-15102	00000/0000	2-10015/0079	01/22/76	60	5088	21.6	146.9	FFFG		17	31
07725N	3727N	2688-14561	2-10025/1649	2-10025/1123	12/10/76	10	9592	22.7	148.5	GGGG		16	34
07725N	3724N	2418-15043	00000/0000	2-10017/0011	03/15/76	0	5827	39.9	134.1	FGGG		16	34
07726N	4853N	2709-15091	00000/0000	2-10026/0164	12/31/76	60	9885	12.9	151.1	FGGG		19	26
07726N	4849N	2691-15100	00000/0000	2-10025/1222	12/13/76	0	9634	13.6	153.2	GGGG		19	26
07726N	4143N	2617-15032	00000/0000	2-10023/0224	09/30/76	90	8602	38.1	142.1	GGGG		17	31
07726N	4136N	2653-15021	00000/0000	2-10024/0409	11/05/76	60	9104	27.1	149.8	GGGG		17	31
07726N	3726N	2616-14590	00000/0000	2-10023/0209	09/29/76	90	8588	41.1	138.2	GGGG		16	34
07726N	3253N	2381-15011	00000/0000	2-10015/0638	02/07/76	90	5311	30.9	139.1	FFFG		15	37
07727N	4845N	2547-15145	00000/0000	2-10020/1078	07/22/76	10	7626	52.5	129.0	GGGG		19	26
07727N	4844N	2493-15162	00000/0000	2-10019/0316	05/29/76	10	6873	55.2	131.0	GGGG		19	26
07727N	4137N	2401-15093	00000/0000	2-10016/0488	02/27/76	10	5590	31.4	140.6	FGGG		17	31
07727N	3720N	2652-14574	00000/0000	2-10024/0368	11/04/76	30	9090	30.5	147.3	GGGG		16	34
07728N	3723N	2670-14570	00000/0000	2-10025/0530	11/22/76	30	9341	25.9	148.9	GGGG		16	34
07728N	3722N	2634-14582	00000/0000	2-10023/1069	10/17/76	100	8839	35.8	143.7	FGGG		16	34
07728N	3720N	2400-15050	00000/0000	2-10016/0423	02/26/76	60	5576	33.7	137.9	GGGG		16	34
07728N	2730N	2434-14553	00000/0000	2-10017/0730	03/31/76	10	6050	49.8	118.9	GGGG		14	41
07728N	2730N	2578-14513	00000/0000	2-10021/1185	08/22/76	90	8058	53.4	108.7	FFFG		14	41
07729N	4847N	2619-15124	00000/0000	2-10023/0186	10/02/76	20	8630	32.6	148.1	GGGG		19	26
07729N	4132N	2635-15025	00000/0000	2-10023/1016	10/18/76	40	8853	32.6	146.7	GGGG		17	31
07730N	4839N	2511-15155	00000/0000	2-10019/1096	06/16/76	80	7124	56.1	128.0	GGGG		19	26
07730N	2727N	2704-14470	00000/0000	2-10025/1628	12/26/76	70	9815	28.5	142.2	GGGG		14	41

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0467

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07731W	4844N	2673-15104	00000/0000	2-10025/0640	11/25/76	30	9383	16.5	154.2	GGGG		19	26
07731W	4841N	2637-15121	00000/0000	2-10023/1150	10/20/76	40	8881	26.6	151.6	GGGG		19	26
07731W	4838N	2367-15194	00000/0000	2-10015/0184	01/24/76	0	5116	16.8	150.0	GGGG		19	26
07731W	4837N	2385-15197	00000/0000	2-10015/0830	02/11/76	40	5367	21.4	147.4	GGGG		19	26
07731W	2728N	2722-14462	00000/0000	2-10026/0472	01/13/77	30	66	28.8	139.1	GGGG		14	41
07731W	2727N	2596-14510	00000/0000	2-10027/0569	09/09/76	20	8309	50.7	118.4	GGGG		14	41
07732W	2724N	2668-14483	00000/0000	2-10025/0437	11/20/76	70	9313	33.6	143.5	GGGG		14	41
07733W	2724N	2686-14474	00000/0000	2-10025/1064	12/08/76	70	9564	30.2	143.9	GGGG		14	41
07733W	2723N	2614-14503	00000/0000	2-10023/0121	09/27/76	10	8560	47.2	127.7	GGGG		14	41
07734W	2722N	2650-14491	00000/0000	2-10024/0194	11/02/76	50	9062	38.1	140.7	GGGG		14	41
07734W	2720N	2632-14495	00000/0000	2-10023/0885	10/15/76	30	8811	42.8	135.3	FGGG		14	41
07738W	4830N	2601-15132	00000/0000	2-10027/0950	09/14/76	90	8379	38.7	143.0	GGGG		19	26
07738W	3153N	2453-14592	00000/0000	2-10017/1599	04/19/76	50	6315	53.7	117.1	GGGG		15	38
07738W	3151N	2579-14555	00000/0000	2-10021/1333	08/23/76	40	8072	52.3	115.4	GGGG		15	38
07739W	3145N	2471-14585	00000/0000	2-10018/0727	05/07/76	60	6566	57.5	109.5	GGGG		15	38
07740W	3145N	2435-14595	00000/0000	2-10017/0743	04/01/76	70	6064	48.5	123.6	GGGG		15	38
07740W	3144N	2561-14563	00000/0000	2-10021/0631	08/05/76	30	7821	55.0	106.8	GGGG		15	38
07740W	3143N	2489-14582	00000/0000	2-10019/0170	05/25/76	60	6817	59.4	102.4	GGGG		15	38
07741W	4436N	2474-15121	00000/0000	2-10018/0917	05/10/76	0	6608	54.0	129.0	GGGG		18	29
07742W	3141N	2525-14573	00000/0000	2-10020/0272	06/30/76	60	7319	58.6	97.1	GGGG		15	38
07742W	3137N	2507-14580	00000/0000	2-10019/0859	06/12/76	10	7068	59.5	97.7	FFGG		15	38
07743W	4441N	2582-15092	00000/0000	2-10021/1425	08/26/76	50	8114	46.6	133.0	GGGG		18	29
07743W	4439N	2708-15045	00000/0000	2-10026/0116	12/30/76	10	9871	16.1	149.4	GGGG		18	29
07743W	3147N	2723-14504	00000/0000	2-10026/0529	01/14/77	90	80	26.1	141.1	GGGG		15	38
07743W	3142N	2543-14570	00000/0000	2-10020/1105	07/18/76	70	7570	57.0	100.4	FFFF		15	38
07744W	4437N	2690-15053	00000/0000	2-10025/1207	12/12/76	70	9620	17.0	151.5	FFGG		18	29
07744W	4435N	2564-15095	00000/0000	2-10021/0734	08/08/76	90	7863	50.9	127.0	GGGG		18	29
07744W	4429N	2492-15115	00000/0000	2-10019/0230	05/28/76	10	6859	56.9	124.3	GGGG		18	29
07744W	4429N	2546-15102	00000/0000	2-10020/1168	07/21/76	30	7612	54.4	122.3	GGGG		18	29
07744W	3149N	2705-14512	00000/0000	2-10026/0017	12/27/76	20	9829	25.4	144.2	GGGG		15	38
07744W	3145N	2687-14521	00000/0000	2-10025/1074	12/09/76	70	9578	27.0	146.0	GGGG		15	38
07744W	3143N	2597-14553	00000/0000	2-10027/0828	09/10/76	90	8323	48.9	124.2	GGGG		15	38
07745W	4433N	2420-15135	00000/0000	2-10017/0102	03/17/76	10	5855	36.5	139.8	GGGG		18	29
07745W	4430N	2528-15105	00000/0000	2-10020/0433	07/03/76	90	7361	56.7	120.1	GGGG		18	29
07747W	4433N	2600-15085	00000/0000	2-10027/0936	09/13/76	10	8365	41.5	139.0	GGGG		18	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK, NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0468

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	BRBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	BRBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV MSS						123 45678				
07747N	4427N	2510-1511P	00000/0000	2-10019/1003	06/15/76	10	7110	57.7	120.8	GGGG	18	29
07747N	4025N	2455-1503P	00000/0000	2-10018/0052	04/21/76	20	6343	51.1	128.2	GGGG	17	32
07747N	4021N	2473-1507P	00000/0000	2-10018/0833	05/09/76	10	6594	55.6	122.8	GGGG	17	32
07747N	3609N	2454-1503P	00000/0000	2-10018/0019	04/20/76	0	6329	52.6	122.8	GGGG	16	35
07747N	3602N	2472-1503P	00000/0000	2-10018/0783	05/08/76	80	6580	56.7	116.2	GGGG	16	35
07747N	3141N	2615-1454P	00000/0000	2-10023/0133	09/28/76	60	8574	44.7	132.5	GGGG	15	38
07747N	3141N	2669-1453P	00000/0000	2-10025/0514	11/21/76	100	9327	30.4	145.9	GGGG	15	38
07747N	3139N	2399-1501P	00000/0000	2-10016/0395	02/25/76	80	5562	36.7	134.0	GGGG	15	38
07747N	3139N	2651-1453P	00000/0000	2-10024/0354	11/03/76	90	9076	34.9	143.7	GGGG	15	38
07748N	4430N	2672-1506P	00000/0000	2-10025/0578	11/24/76	80	9369	20.0	152.3	GGGG	18	29
07748N	3138N	2633-1454P	00000/0000	2-10023/0897	10/16/76	20	8825	39.9	139.2	GGGG	15	38
07749N	4427N	2366-1515P	00000/0000	2-10014/1041	01/23/76	20	5102	19.7	148.1	GGGG	18	29
07749N	4427N	2636-1507P	00000/0000	2-10023/1046	10/19/76	90	8867	30.1	148.8	GGGG	18	29
07749N	4026N	2581-1504P	00000/0000	2-10021/1411	08/25/76	50	8100	48.9	127.6	GGGG	17	32
07749N	4022N	2437-1508P	00000/0000	2-10017/0806	04/03/76	60	6092	45.2	132.7	GGGG	17	32
07749N	3607N	2580-1500P	00000/0000	2-10022/0135	08/24/76	20	8086	50.8	121.6	GGGG	16	35
07749N	3558N	2490-1502P	00000/0000	2-10019/0150	05/26/76	30	6831	59.0	109.9	GGGG	16	35
07750N	4432N	2618-1508P	00000/0000	2-10023/0265	10/01/76	10	8616	35.9	144.6	GGGG	18	29
07750N	3604N	2436-1504P	00000/0000	2-10017/0565	04/02/76	20	6078	47.0	128.3	GGGG	16	35
07750N	3559N	2526-1502P	00000/0000	2-10020/0340	07/01/76	50	7333	58.5	104.9	GGGG	16	35
07750N	3553N	2508-1502P	00000/0000	2-10019/0909	06/13/76	90	7082	59.5	105.5	GGGG	16	35
07751N	4425N	2402-1514P	00000/0000	2-10016/0530	02/28/76	40	5604	29.9	142.4	GGGG	18	29
07751N	4021N	2563-1505P	00000/0000	2-10021/0656	08/07/76	100	7849	52.7	120.7	GGGG	17	32
07751N	3605N	2724-1455P	00000/0000	2-10024/0484	01/15/77	90	94	23.3	143.0	GGGG	16	35
07751N	3604N	2598-1459P	00000/0000	2-10022/0808	09/11/76	0	8337	46.8	129.6	GGGG	16	35
07751N	3557N	2544-1501P	00000/0000	2-10020/1204	07/19/76	10	7584	56.7	107.9	GGGG	16	35
07751N	3127N	2351-1501P	00000/0000	2-10015/0639	02/07/76	100	5311	31.8	138.3	GGGG	18	29
07752N	4427N	2654-1507P	00000/0000	2-10024/0389	11/06/76	90	9118	24.6	151.4	GGGG	18	29
07752N	4023N	2707-1500P	00000/0000	2-10026/0104	12/29/76	50	9857	19.3	147.7	GGGG	17	32
07752N	4022N	2725-1459P	00000/0000	2-10026/0555	01/16/77	50	108	20.4	144.7	GGGG	17	32
07752N	4016N	2545-1505P	00000/0000	2-10020/1153	07/20/76	30	7598	55.8	115.3	GGGG	17	32
07752N	4015N	2491-1507P	00000/0000	2-10019/0278	05/27/76	10	6845	58.2	117.3	GGGG	17	32
07752N	3606N	2706-1455P	00000/0000	2-10024/0050	12/28/76	30	9843	22.4	146.0	GGGG	16	35
07752N	3559N	2418-1505P	00000/0000	2-10017/0012	03/15/76	70	5827	40.7	132.8	GGGG	16	35
07753N	4013N	2527-1506P	00000/0000	2-10020/0374	07/02/76	10	7347	57.9	112.6	GGGG	17	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0469

FBR IIS  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RLL MSR	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.	
07753 <sub>N</sub>	4012N	2509-15065	00000/0000	2-10019/0928	06/14/76	50	7096	58.8	113.4				17	32
07753 <sub>N</sub>	3602N	2688-14564	P-10025/1650	2-10025/1124	12/10/76	10	9592	23.8	147.9	FGG	GGGG		16	35
07754 <sub>N</sub>	4019N	2599-15042	00000/0000	2-10027/0788	09/12/76	10	8351	44.3	134.5		GGGG		17	32
07754 <sub>N</sub>	4017N	2689-15010	00000/0000	2-10025/1149	12/11/76	30	9606	20.4	149.7		GGGG		17	32
07754 <sub>N</sub>	4016N	2419-15092	00000/0000	2-10017/0071	03/16/76	100	5841	38.7	136.4	FFFF			17	32
07754 <sub>N</sub>	3601N	2616-14592	00000/0000	2-10023/0210	09/29/76	90	8588	42.0	136.9	FGFG			16	35
07754 <sub>N</sub>	3555N	2652-14581	00000/0000	2-10024/0369	11/04/76	0	9090	31.6	146.5	GGGG			16	35
07755 <sub>N</sub>	4015N	2671-15015	00000/0000	2-10025/0626	11/23/76	40	9355	23.5	150.3	GGGG			17	32
07755 <sub>N</sub>	4011N	2365-15104	00000/0000	2-10015/0080	01/22/76	70	5088	22.6	146.2	FFFF			17	32
07755 <sub>N</sub>	3556N	2634-14585	00000/0000	2-10023/1070	10/17/76	100	8839	36.8	142.7	GGFG			16	35
07755 <sub>N</sub>	3555N	2400-15053	00000/0000	2-10016/0424	02/26/76	50	5576	34.5	136.9	GGGG			16	35
07756 <sub>N</sub>	4731N	2457-15173	00000/0000	2-10018/0145	04/23/76	90	6371	48.1	136.7	GGGG			19	27
07756 <sub>N</sub>	4412N	2384-15145	00000/0000	2-10015/0695	02/10/76	90	5353	24.2	145.0	FFFF			18	29
07756 <sub>N</sub>	4018N	2617-15035	00000/0000	2-10023/0225	09/30/76	100	8602	39.0	140.9	GGGG			17	32
07756 <sub>N</sub>	4011N	2653-15023	00000/0000	2-10024/0410	11/05/76	60	9104	28.2	149.0	GGGG			17	32
07756 <sub>N</sub>	3557N	2670-14572	00000/0000	2-10025/0531	11/22/76	10	9341	27.0	148.2	GGGG			16	35
07757 <sub>N</sub>	4012N	2401-15100	00000/0000	2-10016/0489	02/27/76	10	5590	32.2	139.7	GGGG			17	32
07758 <sub>N</sub>	4728N	2475-15171	00000/0000	2-10018/0893	05/11/76	90	6622	52.9	133.0	GGGG			19	27
07759 <sub>N</sub>	4006N	2635-15031	P-10023/1422	2-10023/1017	10/18/76	20	8853	33.6	145.8	FFF	GGGG		17	32
07759 <sub>N</sub>	3542N	2382-15040	00000/0000	2-10015/0528	02/08/76	70	5325	29.3	140.6	FFFF			16	35
07801 <sub>N</sub>	4729N	2727-15090	00000/0000	2-10026/0624	01/18/77	90	136	15.7	147.6	GGFG			19	27
07801 <sub>N</sub>	4727N	2565-15144	00000/0000	2-10021/0787	08/09/76	30	7877	49.4	131.1	GGGG			19	27
07801 <sub>N</sub>	4725N	2421-15184	00000/0000	2-10017/0208	03/18/76	10	5869	35.1	142.0	GGGG			19	27
07802 <sub>N</sub>	4729N	2583-15141	00000/0000	2-10022/0173	08/27/76	50	8128	44.8	136.5	FFGG			19	27
07802 <sub>N</sub>	4728N	2709-15094	00000/0000	2-10026/0165	12/31/76	20	9885	14.0	150.4	GGGG			19	27
07802 <sub>N</sub>	3958N	2383-15103	00000/0000	2-10015/0680	02/09/76	20	5339	26.8	142.8	GGGG			17	32
07803 <sub>N</sub>	4725N	2691-15102	00000/0000	2-10025/1223	12/13/76	0	9634	14.7	152.6	GGGG			19	27
07803 <sub>N</sub>	4719N	2493-15164	00000/0000	2-10019/0317	05/29/76	40	6873	55.8	128.8	GGGF			19	27
07803 <sub>N</sub>	4718N	2529-15154	00000/0000	2-10020/0386	07/04/76	0	7375	55.7	124.9	GGGG			19	27
07803 <sub>N</sub>	3025N	2579-14562	00000/0000	2-10021/1334	08/23/76	50	8072	52.7	113.4	GGGG			15	39
07804 <sub>N</sub>	4720N	2547-15151	00000/0000	2-10020/1079	07/22/76	10	7626	53.1	126.8	GGGG			19	27
07804 <sub>N</sub>	3020N	2471-14592	00000/0000	2-10018/0728	05/07/76	70	6566	57.7	107.0	GGGG			15	39
07804 <sub>N</sub>	3018N	2561-14565	00000/0000	2-10021/0632	08/05/76	30	7821	55.1	104.6	GGGG			15	39
07805 <sub>N</sub>	3018N	2489-14585	00000/0000	2-10019/0175	05/25/76	50	6817	59.4	99.8	GG			15	39
07806 <sub>N</sub>	4722N	2619-15131	00000/0000	2-10023/0187	10/03/76	30	8630	33.6	147.0	GGGG			19	27

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0470

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07806W	4720N	2673-15111	00000/0000 2-10025/0641	11/25/76	20	9383	17.6	153.5	GGGG			19	27
07806W	4715N	2511-15161	00000/0000 2-10019/1097	06/16/76	90	7124	56.7	125.6	GGGG			19	27
07807W	4717N	2637-15123	00000/0000 2-10023/1151	10/26/76	100	8881	27.7	150.7	GGGG			19	27
07807W	4714N	2367-15201	00000/0000 2-10015/0185	01/24/76	10	5116	17.8	149.3	GGGG			19	27
07807W	3021N	2723-14511	00000/0000 2-10026/0530	01/14/77	90	80	27.0	140.4	GGGG			15	39
07807W	3016N	2543-14572	00000/0000 2-10020/1106	07/18/76	60	7570	57.0	98.0	FFFF			15	39
07807W	3015N	2525-14575	00000/0000 2-10020/0273	06/30/76	60	7319	58.5	94.6	GGGG			15	39
07807W	3011N	2507-14582	00000/0000 2-10019/0860	06/12/76	30	7068	59.4	95.1	FFGG			15	39
07808W	4717N	2403-15192	00000/0000 2-10016/0560	02/29/76	100	5618	28.4	144.2	GGFG			19	27
07809W	3022N	2705-14515	00000/0000 2-10026/0018	12/27/76	30	9829	26.4	143.5	GGGG			15	39
07809W	3019N	2687-14523	00000/0000 2-10025/1078	12/09/76	90	9578	28.0	145.3	GG		H	15	39
07809W	3018N	2417-15005	00000/0000 2-10016/1194	03/14/76	30	5813	43.2	127.9	GG			15	39
07809W	3017N	2597-14555	00000/0000 2-10022/0829	09/10/76	90	8323	49.5	122.5	GFGG			15	39
07812W	3015N	2615-14552	00000/0000 2-10023/0134	09/28/76	10	8574	45.5	131.1	GGGG			15	39
07812W	3015N	2669-14532	00000/0000 2-10025/0515	11/21/76	90	9327	31.4	145.2	GGGG			15	39
07812W	3014N	2399-15013	00000/0000 2-10016/0396	02/25/76	80	5562	37.5	132.9	GGGG			15	39
07812W	3013N	2651-14540	00000/0000 2-10024/0355	11/03/76	90	9076	35.9	142.8	GGGG			15	39
07813W	4314N	2438-15134	00000/0000 2-10017/0948	04/04/76	80	6106	44.0	135.5	GGGG			18	30
07813W	4311N	2474-15124	00000/0000 2-10018/0918	05/10/76	10	6608	54.6	126.9	GGGG			18	30
07813W	3012N	2633-14544	00000/0000 2-10023/0898	10/16/76	10	8825	40.8	138.0	FFGG			15	39
07814W	4706N	2601-15135	00000/0000 2-10022/0951	09/14/76	10	8379	39.7	141.7	GGGG			19	27
07814W	3436N	2472-15034	00000/0000 2-10018/0784	05/08/76	90	6580	57.1	113.8	GGGG			16	36
07815W	4315N	2582-15094	00000/0000 2-10021/1426	08/26/76	70	8114	47.3	131.3	GGGG			18	30
07815W	4314N	2708-15051	00000/0000 2-10026/0117	12/30/76	20	9871	17.2	148.8	GFGG			18	30
07815W	3441N	2530-15005	00000/0000 2-10022/0136	08/24/76	50	8086	51.3	119.7	GGGG			16	36
07816W	4309N	2564-15101	00000/0000 2-10021/0735	08/08/76	100	7863	51.5	125.0	GGGG			18	30
07816W	4304N	2546-15105	00000/0000 2-10020/1169	07/21/76	60	7612	54.9	120.0	FGGG			18	30
07816W	3859N	2455-15084	00000/0000 2-10018/0053	04/21/76	10	6343	51.7	126.3	GGGG			17	33
07816W	3855N	2473-15081	00000/0000 2-10018/0834	05/09/76	0	6594	56.1	120.6	GGGG			17	33
07816W	3434N	2526-15022	00000/0000 2-10020/0341	07/01/76	80	7333	58.6	102.4	GGGG			16	36
07816W	3432N	2490-15032	00000/0000 2-10019/0151	05/26/76	10	6831	59.2	107.3	GGGG			16	36
07816W	3428N	2508-15025	00000/0000 2-10019/0910	06/13/76	30	7082	59.5	102.9	GGGG			16	36
07817W	4313N	2726-15043	00000/0000 2-10026/0600	01/17/77	60	122	18.6	145.9	GGGG			18	30
07817W	4311N	2690-15055	00000/0000 2-10025/1208	12/12/76	60	9620	18.1	150.9	GGGG			18	30
07817W	4304N	2432-15121	00000/0000 2-10019/0231	05/28/76	10	6859	57.4	121.9	GGGG			18	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0471

PRINCIPAL POINT OF IMAGE LONG	SBSERVATION ID LAT	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	BRIGHT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07817	3438N	2598-15002	03000/0000	2-10022/0809	09/11/76	0	8337	47.5	128.0	GGGG		16	36
07817	3432N	2544-15015	03000/0000	2-10020/1205	07/19/76	90	7584	56.8	105.5	GGGG		16	36
07818	4308N	2420-15141	03000/0000	2-10017/0103	03/17/76	30	5855	37.4	138.6	GGGG		18	30
07818	4305N	2528-15112	03000/0000	2-10020/0434	07/03/76	90	7361	57.1	117.7	GGGG		18	30
07818	3856N	2437-15091	03000/0000	2-10017/0807	04/03/76	10	6092	45.9	131.2	GGGG		17	33
07818	3439N	2724-14553	03000/0000	2-10026/0485	01/15/77	90	94	24.2	142.3	GGGG		16	36
07819	4302N	2510-15115	03000/0000	2-10019/1004	06/15/76	10	7110	58.1	118.3	GGGG		16	36
07819	3901N	2581-15051	03000/0000	2-10021/1412	08/25/76	20	8100	49.5	125.8	GGGG		18	30
07819	3855N	2563-15055	03000/0000	2-10021/0657	08/07/76	90	7849	53.2	118.6	GGGG		17	33
07819	3440N	2706-14562	03000/0000	2-10026/0051	12/28/76	50	9843	23.4	145.4	GGGG		17	33
07819	3436N	2688-14570	03000/0000	2-10025/1125	12/10/76	20	9592	24.8	147.3	GGGG		16	36
07819	3433N	2418-15052	03000/0000	2-10017/0013	03/15/76	90	5827	41.5	131.6	GGGG		16	36
07820	4305N	2672-15064	03000/0000	2-10025/0579	11/24/76	60	9369	21.1	151.6	GGGG		18	30
07820	3435N	2616-14595	03000/0000	2-10023/0211	09/29/76	90	8588	42.8	135.6	GGGG		16	36
07821	3858N	2707-15004	03000/0000	2-10026/0105	12/29/76	70	9857	20.3	147.1	GGGG		17	33
07821	3856N	2725-15000	03000/0000	2-10026/0556	01/16/77	80	108	21.4	144.1	GGGG		17	33
07821	3849N	2491-15074	03000/0000	2-10019/0279	05/27/76	10	6845	58.5	114.7	GGGG		17	33
07821	3429N	2652-14583	03000/0000	2-10024/0370	11/04/76	0	9090	32.6	145.6	GGGG		16	36
07822	4302N	2366-15154	03000/0000	2-10014/1042	01/23/76	30	5102	20.7	147.4	GGGG		18	30
07822	4302N	2636-15080	03000/0000	2-10023/1047	10/19/76	90	8867	31.2	147.9	GGGG		18	30
07822	3850N	2545-15062	03000/0000	2-10020/1154	07/20/76	30	7598	56.1	112.9	GGGG		17	33
07822	3848N	2527-15065	03000/0000	2-10020/0375	07/02/76	20	7347	58.1	110.1	GGGG		17	33
07822	3846N	2509-15072	03000/0000	2-10019/0929	06/14/76	40	7096	59.1	110.7	GGGG		17	33
07822	3430N	2634-14591	03000/0000	2-10023/1071	10/17/76	100	8839	37.8	141.6	GGGG		16	36
07822	3429N	2400-15055	03000/0000	2-10016/0425	02/26/76	30	5576	35.4	135.9	GGGG		16	36
07823	4306N	2618-15084	03000/0000	2-10023/0266	10/01/76	40	8616	36.9	143.5	GGGG		18	30
07823	3853N	2599-15045	03000/0000	2-10022/0789	09/12/76	0	8351	45.1	133.0	GGGG		17	33
07823	3851N	2419-15095	03000/0000	2-10017/0072	03/16/76	100	5841	39.5	135.1	GGGG		17	33
07823	3431N	2670-14575	03000/0000	2-10025/0532	11/22/76	0	9341	28.1	147.5	GGGG		16	36
07824	4300N	2402-15145	03000/0000	2-10016/0531	02/28/76	90	5604	30.8	141.4	GGGG		18	30
07824	4300N	2654-15072	03000/0000	2-10024/0390	11/06/76	70	9118	25.7	150.6	GGGG		18	30
07824	3852N	2689-15012	03000/0000	2-10025/1150	12/11/76	90	9606	21.5	149.1	GGGG		17	33
07824	3850N	2671-15021	03000/0000	2-10025/0627	11/23/76	30	9355	24.6	149.6	GGGG		17	33
07824	3846N	2653-15030	03000/0000	2-10024/0411	11/05/76	40	9104	29.2	148.2	GGGG		17	33
07825	3852N	2617-15041	03000/0000	2-10023/0226	09/30/76	100	8602	40.0	139.7	GGGG		17	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0472

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV MSS						123 456 78				
07825W	3845N	2365-15111	00000/0000	2-10015/0081	01/22/76	50	5088	23.6	145.5	FgFG	17	33
07826W	3847N	2401-15102	00000/0000	2-10016/0490	02/27/76	10	5590	33.1	138.7	GGGG	17	33
07826W	3417N	2362-15062	00000/0000	2-10015/0529	02/08/76	10	5325	30.2	139.8	FGFG	16	36
07826W	2901N	2453-15001	00000/0000	2-10017/1600	04/19/76	50	6315	54.5	112.9	FGGG	15	40
07828W	2859N	2579-14564	00000/0000	2-10021/1335	08/23/76	70	8072	53.0	111.3	GGGG	15	40
07828W	2854N	2471-14594	00000/0000	2-10018/0729	05/07/76	60	6566	57.8	104.6	PPGG	15	40
07828W	2853N	2561-14572	00000/0000	2-10021/0633	08/05/76	40	7821	55.2	102.4	GGGG	15	40
07829W	4247N	2384-15152	00000/0000	2-10015/0696	02/10/76	70	5353	25.1	144.3	FGFG	18	30
07829W	3841N	2635-15034	2-10023/1423	2-10023/1018	10/18/76	10	8853	34.6	144.8	FFF GGGG	17	33
07830W	3833N	2383-15105	00000/0000	2-10015/0681	02/09/76	20	5339	27.7	142.0	GGGG	17	33
07830W	2853N	2435-15004	00000/0000	2-10017/0744	04/01/76	30	6064	49.6	120.2	GGGG	H	15
07830W	2852N	2489-14591	00000/0000	2-10019/0171	05/25/76	50	6817	59.3	97.2	GGGG	H	15
07830W	2849N	2525-14582	00000/0000	2-10020/0274	06/30/76	40	7319	58.3	92.1	GGGG		15
07831W	4606N	2457-15180	00000/0000	2-10018/0146	04/23/76	90	6371	48.8	135.0	GFGG		19
07831W	2850N	2543-14575	00000/0000	2-10020/1107	07/18/76	50	7570	56.9	95.6	GPFF		15
07831W	2845N	2507-14585	00000/0000	2-10019/0861	06/12/76	50	7068	59.3	92.5	FFGG		15
07832W	2855N	2723-14513	2-10026/0877	2-10026/0533	01/14/77	60	80	27.9	139.6	GFGG	H	15
07833W	4602N	2475-15173	00000/0000	2-10018/0894	05/11/76	90	6622	53.6	135.9	GGGG		19
07833W	2856N	2705-14521	00000/0000	2-10026/0019	12/27/76	40	9829	27.4	142.8	GGGG		15
07833W	2852N	2687-14530	2-10025/1551	2-10025/1075	12/09/76	90	9578	29.1	144.5	GGG GGGG		15
07834W	4605N	2439-15183	00000/0000	2-10017/0819	04/05/76	0	6120	42.7	138.2	GGGG		19
07834W	2851N	2597-14562	00000/0000	2-10022/0830	09/10/76	90	8323	50.0	120.7	GFGG		15
07835W	4604N	2727-15092	00000/0000	2-10026/0625	01/18/77	50	136	16.7	147.0	GGGG		19
07836W	2849N	2615-14554	00000/0000	2-10023/0135	09/28/76	20	8574	46.2	129.6	GGGG		15
07836W	2847N	2669-14535	00000/0000	2-10025/0516	11/21/76	80	9327	32.4	144.4	GGGG		15
07836W	2847N	2651-14543	00000/0000	2-10024/0356	11/03/76	90	9076	36.9	141.8	GGGG		15
07837W	4604N	2583-15143	00000/0000	2-10022/0174	08/27/76	60	8128	45.6	134.9	FGGG		19
07837W	4603N	2709-15100	00000/0000	2-10026/0166	12/31/76	10	9885	15.1	149.8	GGGG		19
07837W	4601N	2565-15151	00000/0000	2-10021/0788	08/09/76	30	7877	50.1	129.2	GGGG		19
07837W	4553N	2493-15171	00000/0000	2-10019/0318	05/29/76	40	6873	56.4	126.4	FGGG		19
07837W	2846N	2633-14551	00000/0000	2-10023/0899	10/16/76	10	8825	41.7	136.9	GFGG		15
07838W	4559N	2691-15105	00000/0000	2-10025/1224	12/13/76	0	9634	15.8	152.0	GGGG		19
07838W	4555N	2547-15154	00000/0000	2-10020/1080	07/22/76	10	7620	53.7	124.7	GGGG		19
07838W	4554N	2529-15161	00000/0000	2-10020/0387	07/04/76	0	7375	56.2	122.5	GFGG		19
07840W	4555N	2673-15113	00000/0000	2-10025/0642	11/25/76	90	9383	18.7	152.9	GGGG		19

KEYS: CLOUD COVER 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0473

FOR IIS  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION IN ROLL	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
LONG LAT		RBV	MSS						123 45678				
07840W	3317N	2454-15044	00000/0000	2-10018/0020	04/20/76	10	6329	53.6	118.8	GGGG		16	37
07840W	3310N	2472-15041	00000/0000	2-10018/0785	05/08/76	70	6580	57.4	111.4	GGGG		16	37
07840W	2835N	2381-15022	00000/0000	2-10015/0640	02/07/76	80	5311	33.5	136.5	FGGG		15	40
07841W	4550N	2511-15164	00000/0000	2-10019/1098	06/16/76	80	7124	57.2	123.1	FGGG		19	28
07841W	3315N	2580-15011	00000/0000	2-10022/0137	08/24/76	40	8086	51.8	117.8	GGGG		16	37
07842W	4557N	2619-15133	00000/0000	2-10023/0188	10/02/76	10	8630	34.6	145.9	GGGG		19	28
07842W	4552N	2403-15194	00000/0000	2-10016/0561	02/29/76	100	5618	29.3	143.2	GGFG		19	28
07842W	4552N	2637-15130	00000/0000	2-10023/1152	10/20/76	100	8881	28.8	149.9	GFGG		19	28
07842W	4549N	2367-15203	00000/0000	2-10015/0186	01/24/76	10	5116	18.9	148.6	GGGG		19	28
07842W	3312N	2436-15051	00000/0000	2-10017/0566	04/02/76	10	6078	48.3	125.0	GGGG		16	37
07842W	3306N	2490-15034	00000/0000	2-10019/0152	05/26/76	10	6831	59.3	104.7	FGGG		16	37
07842W	3303N	2508-15032	00000/0000	2-10019/0911	06/13/76	10	7082	59.6	100.2	GGFG		16	37
07843W	4547N	2385-15201	00000/0000	2-10015/0831	02/11/76	50	5367	23.4	145.8	GGGG		19	28
07843W	3312N	2598-15004	00000/0000	2-10022/0810	09/11/76	10	8337	48.1	126.4	GGGG		16	37
07843W	3308N	2526-15025	00000/0000	2-10020/0342	07/01/76	80	7333	58.6	99.8	GGGG		16	37
07843W	3306N	2544-15022	00000/0000	2-10020/1206	07/19/76	90	7584	56.9	103.1	GGGG		16	37
07844W	4146N	2474-15130	00000/0000	2-10018/0919	05/10/76	10	6608	55.2	124.7	GGGG		18	31
07844W	3730N	2473-15084	00000/0000	2-10018/0835	05/09/76	0	6594	56.5	118.3	FGGG		17	34
07844W	3314N	2706-14564	00000/0000	2-10026/0052	12/28/76	90	9843	24.4	144.7	GGGF		16	37
07844W	3313N	2724-14560	00000/0000	2-10026/0486	01/15/77	70	94	25.2	141.6	GGGG		16	37
07845W	4857N	2458-15225	00000/0000	2-10018/0173	04/24/76	10	6385	47.5	138.3	GGGG		20	26
07845W	3733N	2455-15090	00000/0000	2-10018/0054	04/21/76	10	6343	52.3	124.4	FGGG		17	34
07845W	3310N	2658-14573	00000/0000	2-10025/1126	12/10/76	60	9592	25.8	146.6	GGFG		16	37
07845W	3307N	2418-15055	00000/0000	2-10017/0014	03/15/76	100	5827	42.2	130.3	GGGG		16	37
07846W	4851N	2476-15222	00000/0000	2-10018/0964	05/12/76	80	6636	52.3	134.8	GGGG		20	26
07846W	4150N	2582-15101	00000/0000	2-10021/1427	08/26/76	50	8114	48.0	129.6	GGGG		18	31
07846W	3730N	2437-15094	00000/0000	2-10017/0808	04/03/76	0	6092	46.7	129.6	GGGG		17	34
07846W	3309N	2616-15031	00000/0000	2-10023/0212	09/29/76	100	8588	43.7	134.3	GGGG		16	37
07847W	4148N	2708-15054	00000/0000	2-10026/0118	12/30/76	30	9871	18.2	148.2	GGGG		18	31
07847W	4144N	2564-15104	00000/0000	2-10021/0736	08/08/76	100	7863	52.1	123.0	GGGG		18	31
07847W	3735N	2581-15054	00000/0000	2-10021/1413	08/25/76	30	8100	50.1	124.0	GGGG		17	34
07847W	3304N	2634-14594	00000/0000	2-10023/1072	10/17/76	100	8839	38.7	140.6	FGGG		16	37
07847W	3303N	2652-14590	00000/0000	2-10024/0371	11/04/76	0	9090	33.6	144.8	GGGG		16	37
07848W	4856N	2440-15232	00000/0000	2-10017/0932	04/06/76	10	6134	41.4	141.0	GGGG		20	26
07848W	4856N	2584-15193	00000/0000	2-10022/0219	08/28/76	70	8142	43.7	138.4	GFGG		20	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0474

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07848W 4148N	2726-15045	00000/0000	2-10026/0601	01/17/77	20	122	19.6	145.2	GGGG			18	31
07848W 4145N	2690-15062	00000/0000	2-10025/1209	12/12/76	60	9620	19.2	150.2	GGGG			18	31
07848W 4139N	2546-15111	00000/0000	2-10020/1170	07/21/76	90	7612	55.3	117.8	GGGG			18	31
07848W 4138N	2492-15124	00000/0000	2-10019/0232	05/28/76	20	6859	57.9	119.5	GGGG			18	31
07848W 3729N	2563-15061	00000/0000	2-10021/0658	08/07/76	90	7849	53.6	116.5	GGGG			17	34
07848W 3303N	2400-15062	00000/0000	2-10016/0426	02/26/76	30	5576	36.2	134.8	GGGG			16	37
07849W 4853N	2566-15200	00000/0000	2-10021/0802	08/10/76	10	7891	48.5	133.3	GGGG			20	26
07849W 4540N	2601-15141	00000/0000	2-10022/0952	09/14/76	10	8379	40.5	140.4	GGGG			19	28
07849W 4142N	2420-15144	00000/0000	2-10017/0104	03/17/76	50	5855	38.2	137.4	GGGG			18	31
07849W 4140N	2528-15114	00000/0000	2-10020/0435	07/03/76	50	7361	57.5	115.2	GGGG			18	31
07849W 3732N	2707-15011	00000/0000	2-10026/0106	12/29/76	60	9857	21.3	146.5	GGGG			17	34
07849W 3730N	2725-15003	00000/0000	2-10026/0557	01/16/77	70	108	22.4	143.4	GGGG			17	34
07849W 3723N	2491-15081	00000/0000	2-10019/0280	05/27/76	40	6845	58.8	112.2	GGGG			17	34
07849W 3305N	2670-14581	00000/0000	2-10025/0533	11/22/76	10	9341	29.1	146.7	GGGG			16	37
07850W 4136N	2510-15121	00000/0000	2-10019/1005	06/15/76	30	7110	58.5	115.8	GGGG			18	31
07850W 3724N	2545-15064	00000/0000	2-10020/1155	07/20/76	2	7598	56.3	110.6	GGGG			17	34
07850W 3723N	2527-15071	00000/0000	2-10020/0376	07/02/76	10	7347	58.3	107.5	GGGG			17	34
07850W 3720N	2509-15074	00000/0000	2-10019/0930	06/14/76	80	7096	59.3	108.1	FGGG			17	34
07850W 2735N	2453-15033	00000/0000	2-10017/1601	04/19/76	70	6315	54.8	110.7	GGGG			15	41
07851W 4852N	2692-15154	00000/0000	2-10025/1238	12/14/76	100	9648	13.5	153.1	GGGG			20	26
07851W 4141N	2600-15094	00000/0000	2-10022/0937	09/13/76	0	8365	43.2	136.3	FGGG			18	31
07851W 4140N	2672-15071	00000/0000	2-10025/0580	11/24/76	60	9369	22.2	150.9	GGGG			18	31
07851W 3727N	2599-15051	00000/0000	2-10022/0730	09/12/76	0	8351	45.8	131.5	FGGG			17	34
07851W 3725N	2419-15101	00000/0000	2-10017/0073	03/16/76	100	5841	40.3	133.9	FGGG			17	34
07851W 2728N	2471-15001	00000/0000	2-10018/0730	05/07/76	30	6566	57.9	102.1	FGGG		H	15	41
07852W 4853N	2728-15141	00000/0000	2-10026/0611	01/15/77	60	150	14.9	148.1	GGGG			20	26
07852W 4846N	2494-15220	00000/0000	2-10019/0360	05/30/76	10	6887	55.3	130.9	GGGG			20	26
07852W 4137N	2636-15083	00000/0000	2-10023/1048	10/19/76	80	8867	32.2	147.0	FFGG			18	31
07852W 3726N	2689-15015	00000/0000	2-10025/1151	12/11/76	80	9606	22.6	148.5	GGGG			17	34
07852W 3725N	2671-15024	00000/0000	2-10025/0628	11/23/76	40	9355	25.7	148.9	GGGG			17	34
07852W 3721N	2653-15032	00000/0000	2-10024/0412	11/05/76	10	9104	30.3	147.4	FGGG			17	34
07852W 3251N	2382-15065	00000/0000	2-10015/0530	02/08/76	10	5325	31.1	138.9	FGFG			16	37
07852W 2733N	2579-14571	00000/0000	2-10021/1336	08/23/76	70	8072	53.2	109.3	GGGG			15	41
07852W 2727N	2561-14574	00000/0000	2-10021/0634	08/05/76	30	7821	55.2	100.1	GGGG			15	41
07853W 4846N	2422-15240	00000/0000	2-10017/0210	03/19/76	100	5883	34.6	143.0	FGGG			20	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANHSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0475

PRINCIPAL POINT OF IMAGE	SUBSATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLUD COVER	BRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA	MSS IMAGE	BRRIT PATH	FRAME ROW
LONG	LAT	RBV	MSS		%				123 45678	M8DF	GAIN	NUM.	NUM.
07853N	4846N	2548-15203	00000/0000	2-10021/0088	07/23/76	90	7640	52.3	129.2	GGGG		20	26
07853N	4140N	2618-15091	00000/0000	2-10023/0267	10/01/76	80	8616	37.8	142.3	FGGG		18	31
07853N	4136N	2366-15160	00000/0000	2-10014/1043	01/23/76	30	5102	21.7	146.7	GGGG		18	31
07853N	3727N	2617-15044	00000/0000	2-10023/0227	09/30/76	100	8602	40.8	138.5	GGGG		17	34
07853N	3720N	2365-15113	00000/0000	2-10015/0082	01/22/76	20	5088	24.6	144.8	GGFF		17	34
07854N	4850N	2602-15170	00000/0000	2-10022/0917	09/15/76	80	8393	38.2	143.6	GGGG		20	26
07854N	4843N	2530-15210	00000/0000	2-10020/0538	07/05/76	10	7389	55.0	127.3	GGGF		20	26
07854N	4134N	2654-15075	00000/0000	2-10024/0391	11/06/76	60	9118	26.8	149.9	GGGF		18	31
07854N	3721N	2401-15105	00000/0000	2-10016/0491	02/27/76	0	5590	34.0	137.7	GGGG		17	34
07854N	2727N	2435-15011	00000/0000	2-10017/0745	04/01/76	40	6064	50.1	118.4	GGGG		15	41
07854N	2726N	2489-14594	00000/0000	2-10019/0172	05/25/76	30	6817	59.2	94.6	GGGG	H	15	41
07854N	2725N	2543-14581	00000/0000	2-10020/1108	07/18/76	50	7570	56.8	93.3	GPPF	H	15	41
07854N	2723N	2525-14584	00000/0000	2-10020/0275	06/30/76	40	7319	58.1	89.6	FFFF		15	41
07855N	4841N	2512-15213	00000/0000	2-10019/1157	06/17/76	30	7138	56.1	127.9	GGGG		20	26
07855N	4840N	2368-15252	00000/0000	2-10015/0165	01/25/76	0	5130	17.0	149.8	GGGG		20	26
07855N	4135N	2402-15151	00000/0000	2-10016/0532	02/28/76	80	5604	31.7	140.5	GGFG		18	31
07855N	2728N	2723-14520	2-10026/0878	2-10026/0531	01/14/77	40	80	28.9	138.9	GGG		15	41
07855N	2723N	2687-14533	2-10025/1652	00000/0000	12/09/76	90	9578	30.1	143.8	GGG	H	15	41
07855N	2720N	2507-14591	00000/0000	2-10019/0862	06/12/76	70	7568	59.0	90.0	GGGG		15	41
07856N	2726N	2417-15014	00000/0000	2-10016/1192	03/14/76	10	5813	44.5	125.1	GG G	H	15	41
07857N	4841N	2638-15175	00000/0000	2-10023/1218	10/21/76	90	8895	26.3	151.8	GGGG		20	26
07857N	4837N	2404-15243	00000/0000	2-10016/0608	03/01/76	10	5632	27.8	144.9	GGF		20	26
07857N	3715N	2635-15040	00000/0000	2-10023/1019	10/18/76	10	8853	35.6	143.9	FGGG		17	34
07857N	2730N	2705-14524	00000/0000	2-10026/0020	12/27/76	30	9829	28.4	142.1	GGGG		15	41
07857N	2727N	2687-14532	00000/0000	2-10025/1076	12/09/76	90	9578	30.1	143.8	GGGG	H	15	41
07857N	2726N	2597-14564	00000/0000	2-10022/0831	09/10/76	50	8323	50.5	118.9	GGGG		15	41
07858N	4843N	2620-15183	00000/0000	2-10023/0396	10/03/76	10	8644	32.3	148.3	GG G		20	26
07858N	4842N	2656-15171	00000/0000	2-10025/0084	11/08/76	90	9146	20.7	153.8	GGGG		20	26
07858N	4839N	2386-15250	00000/0000	2-10015/0793	02/12/76	80	5381	21.7	147.2	GGGG		20	26
07859N	3707N	2383-15112	00000/0000	2-10015/0682	02/09/76	10	5339	28.7	141.2	GGGG		17	34
07859N	2723N	2669-14541	00000/0000	2-10025/0517	11/21/76	70	9327	33.4	143.5	GGGG		15	41
07900N	2723N	2615-14561	00000/0000	2-10023/0136	09/28/76	10	8574	46.9	128.2	GGGG		15	41
07900N	2722N	2399-15022	00000/0000	2-10016/0397	02/25/76	100	5562	39.0	130.7	GGGG		15	41
07900N	2721N	2651-14545	00000/0000	2-10024/0357	11/03/76	90	9076	37.8	140.9	GGGG		15	41
07901N	2720N	2633-14559	00000/0000	2-10023/0900	10/16/76	20	8825	42.5	135.7	GGGG		15	41

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=3 AND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MADE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0476

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBY	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBY MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07905W	4441N	2457-1518P	00000/0000	2-10018/0147	04/23/76	80	6371	49.6	133.2	GGGG		19	29
07905W	3144N	2472-1504A	00000/0000	2-10018/0786	05/08/76	40	6580	57.6	109.0	GGGG		16	38
07906W	4437N	2475-15180	00000/0000	2-10018/0895	05/11/76	90	6622	54.2	128.8	GGGG		19	29
07906W	3149N	2550-15014	00000/0000	2-10022/0138	08/24/76	30	8086	52.2	115.8	FGGG		16	38
07907W	3141N	2490-15041	00000/0000	2-10019/0153	05/26/76	30	6831	59.4	102.1	FGGF		16	38
07907W	3137N	2508-15034	00000/0000	2-10019/0912	06/13/76	10	7082	59.5	97.6	FFGG		16	38
07908W	3143N	2526-15031	00000/0000	2-10020/0343	07/01/76	70	7333	58.5	97.3	GGGG		16	38
07908W	3139N	2544-15024	00000/0000	2-10020/1207	07/19/76	40	7584	56.9	100.7	GGGG		16	38
07909W	4438N	2727-15095	00000/0000	2-10026/0626	01/18/77	30	136	17.7	146.3	GGGG		19	29
07909W	3147N	2724-14562	00000/0000	2-10026/0487	01/15/77	60	94	26.2	140.9	GGGG		16	38
07909W	3146N	2598-15011	00000/0000	2-10022/0811	09/11/76	20	8337	48.7	124.7	GGGG		16	38
07910W	4439N	2583-15150	00000/0000	2-10022/0175	08/27/76	60	8128	46.3	133.3	FGGG		19	29
07910W	4437N	2565-15153	00000/0000	2-10021/0789	08/09/76	80	7877	50.7	127.3	GGGG		19	29
07910W	3148N	2706-14571	00000/0000	2-10026/0053	12/28/76	80	9843	25.4	144.1	GGGG		16	38
07911W	4438N	2709-15103	00000/0000	2-10026/0167	12/31/76	20	9885	15.1	149.2	GGGG		19	29
07911W	4434N	2421-15193	00000/0000	2-10017/0209	03/18/76	50	5869	36.9	139.6	GGGG		19	29
07911W	4428N	2493-15173	00000/0000	2-10019/0319	05/29/76	30	6873	57.0	124.1	GGGG		19	29
07911W	3144N	2658-14575	00000/0000	2-10025/1127	12/10/76	80	9592	26.9	145.9	GGGG		16	38
07911W	3143N	2616-15004	00000/0000	2-10023/0213	09/29/76	70	8588	44.5	132.9	GGGG		16	38
07912W	4434N	2691-15111	00000/0000	2-10025/1225	12/13/76	10	9634	16.9	151.4	GGGG		19	29
07912W	4430N	2547-15160	00000/0000	2-10020/1081	07/22/76	10	7626	54.2	122.5	GGGG		19	29
07912W	4429N	2529-15163	00000/0000	2-10020/0388	07/04/76	10	7375	56.6	120.1	GGGG		19	29
07912W	3608N	2455-15093	00000/0000	2-10018/0055	04/21/76	10	6343	52.9	122.4	GGGG		17	35
07912W	3604N	2473-15090	00000/0000	2-10018/0836	05/09/76	0	6594	56.9	115.9	GGGG		17	35
07913W	3138N	2400-15054	00000/0000	2-10016/0427	02/26/76	70	5576	37.0	133.7	GGGG		16	38
07913W	3138N	2634-15000	00000/0000	2-10023/1073	10/17/76	100	8839	39.6	139.5	GGFF		16	38
07913W	3138N	2652-1459P	00000/0000	2-10024/0372	11/04/76	0	9090	34.6	143.9	GGGG		16	38
07914W	4430N	2673-15120	00000/0000	2-10025/0643	11/25/76	90	9383	19.8	152.2	GGGG		19	29
07914W	4425N	2511-15170	00000/0000	2-10019/1099	06/16/76	90	7124	57.7	120.7	GGGG		19	29
07914W	4020N	2474-15133	00000/0000	2-10018/0920	05/10/76	10	6608	55.8	122.5	GGGG		18	32
07914W	3609N	2581-15060	00000/0000	2-10021/1414	08/25/76	60	8100	50.6	122.1	GGGG		17	35
07914W	3605N	2437-15100	00000/0000	2-10017/0809	04/03/76	10	6092	47.3	128.0	FGGG		17	35
07915W	4432N	2619-15140	00000/0000	2-10023/0189	10/02/76	10	8630	35.6	144.8	GGGG		19	29
07915W	4427N	2637-1513P	00000/0000	2-10023/1153	10/20/76	90	8881	29.8	149.0	GGGG		19	29
07915W	4425N	2367-15210	00000/0000	2-10015/0187	01/24/76	70	5116	19.9	147.9	GFFG		19	29

KEYS: CLOUD COVER 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0477

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07915W 4023N	2436-15143	00000/0000	2-10017/0949	04/04/76	90	6106	45.6	132.5	GGGG			18	32
07915W 3604N	2563-15064	00000/0000	2-10021/0659	08/07/76	90	7849	53.9	114.3	GGGG			17	35
07915W 3139N	2670-14584	00000/0000	2-10025/0534	11/22/76	20	9341	30.2	146.0	GGGG			16	38
07915W 2602N	2471-15003	00000/0000	2-10018/0731	05/07/76	40	6566	57.9	99.7	GGGG		H	15	42
07915W 2600N	2561-14581	00000/0000	2-10021/0635	08/05/76	30	7821	55.2	97.9	GGGG			15	42
07916W 4427N	2403-15201	00000/0000	2-10016/0562	02/29/76	90	5618	30.2	142.2	GGFG			19	29
07916W 4024N	2532-15109	00000/0000	2-10021/1428	08/26/76	50	8114	48.6	127.9	GGGG			18	32
07916W 3557N	2491-15033	00000/0000	2-10019/0281	05/27/76	20	6845	59.1	109.6	GGGG			17	35
07916W 3555N	2509-15081	00000/0000	2-10019/0931	06/14/76	80	7096	59.4	105.5	GGGG			17	35
07916W 2606N	2579-14573	00000/0000	2-10021/1337	08/23/76	70	8072	53.4	107.2	GGGG			15	42
07917W 4422N	2385-15203	00000/0000	2-10015/0832	02/11/76	70	5367	24.4	145.0	GGGG			19	29
07917W 4023N	2708-15060	00000/0000	2-10026/0119	12/30/76	40	9871	19.3	147.6	GGGG			18	32
07917W 4019N	2564-15110	00000/0000	2-10021/0737	08/08/76	100	7863	52.6	121.0	FFGG			18	32
07917W 3606N	2707-15013	00000/0000	2-10026/0107	12/29/76	40	9857	22.4	145.8	GGGG			17	35
07917W 3605N	2725-15005	00000/0000	2-10026/0558	01/16/77	50	108	23.4	142.8	GFGG			17	35
07917W 2601N	2435-15013	00000/0000	2-10017/0746	04/01/76	20	6064	50.5	116.6	GGGG		H	15	42
07917W 2559N	2543-14584	00000/0000	2-10020/1109	07/18/76	50	7570	56.6	91.0	GFPG			15	42
07917W 2558N	2489-15000	00000/0000	2-10019/0173	05/25/76	20	6817	59.0	92.1	GGGG		H	15	42
07918W 4022N	2726-15052	00000/0000	2-10026/0602	01/17/77	10	122	20.6	144.6	GGGG			18	32
07918W 4013N	2492-15130	00000/0000	2-10019/0233	05/28/76	20	6859	58.3	117.0	GGGG			18	32
07918W 4013N	2546-1511	00000/0000	2-10020/1171	07/21/76	90	7612	55.6	115.5	GGGG			18	32
07918W 3601N	2599-15054	00000/0000	2-10022/0791	09/12/76	0	8351	46.5	130.0	GFGG			17	35
07918W 3559N	2419-15104	00000/0000	2-10017/0074	03/16/76	100	5841	41.1	132.6	FFGG			17	35
07918W 3558N	2527-15074	00000/0000	2-10020/0377	07/02/76	10	7347	58.4	105.0	GGGG			17	35
07918W 3558N	2545-15071	00000/0000	2-10020/1156	07/20/76	10	7598	56.6	108.2	GGGG			17	35
07918W 2556N	2525-14591	00000/0000	2-10020/0276	06/30/76	20	7319	57.8	87.2	GFPG			15	42
07918W 2554N	2507-14594	00000/0000	2-10019/0863	06/12/76	80	7068	58.8	87.5	GGGG			15	42
07919W 4020N	2690-15064	00000/0000	2-10025/1210	12/12/76	100	9620	20.3	149.6	GGGG			18	32
07919W 4017N	2420-15150	00000/0000	2-10017/0105	03/17/76	50	5855	39.0	136.2	GGGG			18	32
07919W 4016N	2528-15121	00000/0000	2-10020/0436	07/03/76	30	7361	57.8	112.7	GGGG			18	32
07919W 4010N	2510-15124	00000/0000	2-10019/1006	06/15/76	50	7110	58.8	113.2	GGGG			18	32
07919W 3559N	2671-15030	00000/0000	2-10025/0629	11/23/76	10	9355	26.8	148.2	GGGG			17	35
07919W 2602N	2723-14522	2-10026/0879	2-10026/0532	01/14/77	50	80	29.8	138.1	GGG GGGG		H	15	42
07920W 3601N	2617-15050	00000/0000	2-10023/0228	09/30/76	100	8602	41.7	137.3	GGGG			17	35
07920W 3600N	2689-15022	00000/0000	2-10025/1152	12/11/76	90	9606	23.6	147.8	GGGG			17	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0478

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION IN ROLL	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV							123 45678				
07920W	3555N	2653-15035	00000/0000	2-10024/0413	11/05/76	0	9104	31.3	146.6	F		17	35
07920W	3554N	2365-15120	00000/0000	2-10015/0083	01/22/76	10	5088	25.6	144.1	F		17	35
07920W	2603N	2705-1452	00000/0000	2-10026/0021	12/27/76	30	9829	29.4	141.4	G		15	42
07920W	2601N	2687-14536	2-10025/1653	2-10025/1077	12/09/76	70	9578	31.1	143.1	G		15	42
07920W	2559N	2597-14571	00000/0000	2-10022/0832	09/10/76	20	8323	51.0	117.1	G		15	42
07921W	4016N	2600-15100	00000/0000	2-10022/0938	09/13/76	0	8365	44.0	134.9	G		18	32
07921W	4015N	2672-15073	00000/0000	2-10025/0581	11/24/76	90	9369	23.3	150.3	G		18	32
07922W	4732N	2458-15232	00000/0000	2-10018/0174	04/24/76	10	6385	48.3	136.6	G		20	27
07922W	4414N	2601-15144	00000/0000	2-10022/0953	09/14/76	60	8379	41.4	139.1	G		19	29
07922W	4012N	2636-15085	00000/0000	2-10023/1049	10/19/76	40	8867	33.2	146.1	G		18	32
07922W	3556N	2401-15111	00000/0000	2-10016/0492	02/27/76	20	5590	34.9	136.7	G		17	35
07923W	4727N	2476-15225	00000/0000	2-10018/0965	05/12/76	10	6636	53.1	132.7	G		20	27
07923W	4015N	2618-15093	00000/0000	2-10023/0268	10/01/76	90	8616	38.8	141.2	F		18	32
07923W	4011N	2366-15163	00000/0000	2-10014/1044	01/23/76	90	5102	22.8	146.1	G		18	32
07923W	2557N	2615-14543	00000/0000	2-10023/0137	09/28/76	10	8574	47.6	126.6	G		15	42
07923W	2557N	2669-14544	00000/0000	2-10025/0518	11/21/76	80	9327	34.4	142.7	G		15	42
07923W	2556N	2399-15024	00000/0000	2-10016/0398	02/25/76	90	5562	39.7	129.5	G		15	42
07923W	2555N	2651-14552	00000/0000	2-10024/0358	11/03/76	90	9076	38.8	139.9	G		15	42
07924W	4731N	2440-15235	00000/0000	2-10017/0933	04/06/76	70	6134	42.2	139.5	G		20	27
07924W	4010N	2654-15081	00000/0000	2-10024/0392	11/06/76	30	9118	27.9	149.1	G		18	32
07924W	2555N	2633-14560	00000/0000	2-10023/0901	10/16/76	70	8825	43.4	134.4	G		15	42
07925W	4732N	2554-15135	00000/0000	2-10022/0220	08/28/76	70	8142	44.5	136.9	G		20	27
07925W	4010N	2402-15154	00000/0000	2-10016/0533	02/28/76	30	5604	32.6	139.5	G		18	32
07925W	3550N	2635-15043	00000/0000	2-10023/1020	10/18/76	0	8853	36.6	142.9	G		17	35
07926W	4728N	2566-15212	00000/0000	2-10021/0803	08/10/76	0	7891	49.2	131.4	G		20	27
07926W	3542N	2383-15114	00000/0000	2-10015/0683	02/09/76	10	5339	29.6	140.4	G		17	35
07927W	2543N	2381-15031	00000/0000	2-10015/0641	02/07/76	70	5311	35.2	134.6	F		15	42
07928W	4727N	2692-15160	00000/0000	2-10025/1239	12/14/76	100	9648	14.6	152.5	G		20	27
07928W	4721N	2494-15222	00000/0000	2-10019/0361	05/30/76	10	6887	55.9	128.6	G		20	27
07929W	4728N	2728-15144	00000/0000	2-10026/0612	01/19/77	30	150	15.9	147.5	G		20	27
07929W	4722N	2422-15242	00000/0000	2-10017/0211	03/19/76	100	5883	35.5	141.8	G		20	27
07929W	4722N	2548-15210	00000/0000	2-10021/0089	07/23/76	60	7640	53.0	127.1	G		20	27
07929W	3025N	2454-15053	00000/0000	2-10018/0021	04/20/76	20	6329	54.4	114.6	G		16	39
07930W	4720N	2530-15213	00000/0000	2-10020/0539	07/05/76	10	7389	55.5	124.9	G		20	27
07930W	3957N	2384-15161	00000/0000	2-10015/0697	02/10/76	40	5353	27.1	142.7	G		18	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0479

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07930W 3018N	2472-15050	00000/0000 2-10018/0787	05/08/76	30	6580	57.8	106.6	GGGG				
07931W 4725N	2602-15192	00000/0000 2-10022/0918	09/15/76	80	8393	39.1	142.3	GGGG			16	39
07931W 3023N	2580-15020	00000/0000 2-10022/0139	08/24/76	50	8086	52.5	113.8	GGGG			20	27
07932W 4717N	2512-15220	00000/0000 2-10019/1158	06/17/76	80	7138	56.7	125.5	GGGG			16	39
07932W 4717N	2638-15181	00000/0000 2-10023/1219	10/21/76	90	8895	27.4	150.9	GGGG			20	27
07932W 4715N	2368-15255	00000/0000 2-10015/0166	01/25/76	0	5130	18.0	149.1	GGGG			20	27
07932W 3020N	2436-15060	00000/0000 2-10017/0567	04/02/76	10	6078	49.4	121.6	GGGG			16	39
07932W 3015N	2490-15043	00000/0000 2-10019/0154	05/26/76	10	6831	59.4	99.4	GGGG			16	39
07932W 3012N	2508-15041	00000/0000 2-10019/0913	06/13/76	20	7082	59.4	95.0	GGGG			16	39
07933W 4713N	2404-15250	00000/0000 2-10016/0609	03/01/76	10	5632	28.8	144.0	GGGG			16	39
07933W 3020N	2598-15013	00000/0000 2-10022/0812	09/11/76	60	8337	49.3	123.0	GGGG	FFF		20	27
07933W 3017N	2526-15034	00000/0000 2-10020/0344	07/01/76	70	7333	58.4	94.7	GGGG			16	39
07933W 3014N	2544-15031	00000/0000 2-10020/1208	07/19/76	70	7584	56.9	98.3	GGGG			16	39
07934W 4719N	2620-15185	00000/0000 2-10023/0397	10/03/76	0	8644	33.3	147.2	GGGG			16	39
07934W 4717N	2656-15173	00000/0000 2-10025/0085	11/08/76	50	9146	21.8	153.1	GGGG			20	27
07934W 3022N	2706-14573	00000/0000 2-10026/0054	12/28/76	70	9843	26.4	143.4	GGGG			16	39
07934W 3021N	2724-14565	00000/0000 2-10026/0488	01/15/77	70	94	27.1	140.2	GGGG			16	39
07935W 4714N	2386-15253	00000/0000 2-10015/0794	02/12/76	90	5381	22.7	146.4	GGGG			20	27
07935W 3015N	2418-15064	00000/0000 2-10017/0015	03/15/76	50	5827	43.6	127.5	GGGG			16	39
07936W 3018N	2688-14582	00000/0000 2-10025/1128	12/10/76	80	9592	27.9	145.2	GGGG			16	39
07936W 3017N	2616-15010	00000/0000 2-10023/0214	09/29/76	50	8588	45.2	131.6	GGGG			16	39
07936W 2441N	2453-15017	00000/0000 2-10017/1602	04/19/76	60	6315	55.2	106.4	GGGG			15	43
07937W 4315N	2457-15185	00000/0000 2-10014/0148	04/23/76	50	6371	50.3	131.4	GGGG			19	30
07938W 3438N	2473-15033	00000/0000 2-10018/0837	05/09/76	0	6594	57.3	113.5	GGGF			17	36
07938W 3012N	2634-15003	00000/0000 2-10023/1074	10/17/76	90	8839	40.5	138.4	GGGG			16	39
07938W 3011N	2400-15071	00000/0000 2-10016/0428	02/26/76	90	5576	37.8	132.6	GGGG			16	39
07938W 2433N	2551-14583	00000/0000 2-10021/0636	08/05/76	40	7821	55.1	95.7	GGGG			15	43
07939W 4312N	2475-15182	00000/0000 2-10018/0896	05/11/76	90	6622	54.8	126.7	GGGG			19	30
07939W 3442N	2455-15095	00000/0000 2-10018/0056	04/21/76	50	6343	53.4	120.4	GGGG			17	36
07939W 3013N	2670-14590	00000/0000 2-10025/0535	11/22/76	30	9341	31.2	145.2	GGGG			16	39
07939W 3012N	2652-14595	00000/0000 2-10024/0373	11/04/76	10	9090	35.6	143.0	GGGG			16	39
07939W 2439N	2579-14530	00000/0000 2-10021/1338	08/23/76	30	8072	53.6	105.1	GGGG			15	43
07939W 2432N	2543-14530	00000/0000 2-10020/1110	07/18/76	50	7570	56.3	88.7	GGGG			15	43
07940W 4314N	2439-15132	00000/0000 2-10017/0820	04/05/76	10	6120	44.4	135.3	GGGG			19	30
07940W 2434N	2435-15020	00000/0000 2-10017/0747	04/01/76	10	6064	50.9	114.8	GGGG		H	15	43

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0480

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN RBLI	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBLI MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07940A	2431N	2489-15003	00000/0000	2-10019/0174	05/25/76	10	6817	58.8	89.5	GGGG		15	43
07941A	3443N	2581-15063	00000/0000	2-10021/1415	08/25/76	50	8100	51.1	120.2	GGGG		17	36
07941A	3439N	2437-15103	00000/0000	2-10017/0810	04/03/76	0	6092	48.0	126.4	GGGG		17	36
07942A	4314N	2583-15152	00000/0000	2-10022/0176	08/27/76	70	8128	47.0	131.7	GGGG		19	30
07942A	4312N	2727-15101	00000/0000	2-10026/0627	01/18/77	10	136	18.7	145.7	GGGG		19	30
07942A	4311N	2565-15160	00000/0000	2-10021/0790	08/09/76	90	7877	51.3	125.4	GGGG		19	30
07942A	3855N	2474-15135	00000/0000	2-10018/0921	05/10/76	10	6608	56.3	120.2	GGGG		18	33
07942A	3438N	2563-15070	00000/0000	2-10021/0660	08/07/76	60	7849	54.3	112.2	GGGG		17	36
07942A	3429N	2509-15053	00000/0000	2-10019/0932	06/14/76	60	7096	59.5	102.8	GGGG		17	36
07942A	2429N	2525-14593	00000/0000	2-10020/0277	06/30/76	10	7319	57.4	84.9	GGGG		15	43
07942A	2427N	2507-15000	00000/0000	2-10019/0864	06/12/76	90	7068	58.4	85.1	GGGG		15	43
07943A	4313N	2709-15105	00000/0000	2-10026/0168	12/31/76	20	9885	17.2	148.6	GGGG		19	30
07943A	4303N	2493-15180	00000/0000	2-10019/0320	05/29/76	40	6873	57.5	121.7	GGGG		19	30
07943A	3440N	2707-15020	00000/0000	2-10026/0108	12/29/76	10	9857	23.4	145.2	GGGG		17	36
07943A	3439N	2725-15012	00000/0000	2-10026/0559	01/16/77	10	108	24.4	142.1	GGGG		17	36
07943A	3431N	2491-15090	00000/0000	2-10019/0282	05/27/76	10	6845	59.3	107.0	FGGG		17	36
07943A	3000N	2382-15074	00000/0000	2-10015/0531	02/08/76	70	5325	32.9	137.1	GGFF		16	39
07943A	2432N	2417-15023	00000/0000	2-10016/1193	03/14/76	30	5813	45.7	122.1	GGGG		15	43
07943A	2432N	2597-14573	00000/0000	2-10022/0833	09/10/76	30	8323	51.4	115.2	GGGG		15	43
07944A	4305N	2547-15163	00000/0000	2-10020/1082	07/22/76	10	7626	54.7	120.3	GGGG		19	30
07944A	4304N	2529-15170	00000/0000	2-10020/0389	07/04/76	40	7375	57.0	117.7	GGGG		19	30
07944A	3858N	2438-15145	00000/0000	2-10017/0950	04/04/76	90	6106	46.3	130.9	GGGG		18	33
07944A	3434N	2559-15060	00000/0000	2-10022/0792	09/12/76	0	8351	47.2	128.4	GGGG		17	36
07944A	3433N	2545-15073	00000/0000	2-10020/1157	07/20/76	10	7598	56.7	105.8	GGGG		17	36
07945A	4309N	2691-15114	00000/0000	2-10025/1226	12/13/76	20	9634	18.0	150.8	GGGG		19	30
07945A	3434N	2419-15110	00000/0000	2-10017/0075	03/16/76	100	5841	41.8	131.3	FGGF		17	36
07945A	3432N	2527-15020	00000/0000	2-10020/0378	07/02/76	20	7347	58.5	102.4	GGGG		17	36
07945A	2431N	2615-14570	00000/0000	2-10023/0138	09/28/76	10	8574	48.2	125.1	GGGG		15	43
07945A	2429N	2399-15031	00000/0000	2-10016/0339	02/25/76	90	5562	40.4	128.3	GGGG		15	43
07946A	4305N	2673-15122	00000/0000	2-10025/0644	11/25/76	100	9383	20.9	151.6	GGGG		19	30
07946A	4300N	2511-15173	00000/0000	2-10019/1100	06/16/76	90	7124	58.1	118.2	GGGG		19	30
07946A	3857N	2708-15063	00000/0000	2-10026/0120	12/30/76	50	9871	20.3	146.9	GGGG		18	33
07946A	3853N	2564-15113	00000/0000	2-10021/0738	08/08/76	90	7863	53.0	118.9	FGGG		18	33
07946A	3435N	2617-15053	00000/0000	2-10023/0229	09/30/76	100	8602	42.6	136.0	GGGG		17	36
07946A	3434N	2671-15033	00000/0000	2-10025/0630	11/23/76	0	9355	27.8	147.5	GGGG		17	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, 1=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0481

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07946N	2430N	2669-14550	00000/0000	2-10025/0519	11/21/76	40	9327	35.4	141.8	GGGG	15	43
07946N	2429N	2651-14554	00000/0000	2-10024/0359	11/03/76	80	9076	39.7	138.8	GGGG	15	43
07947N	4302N	2637-15135	00000/0000	2-10023/1154	10/20/76	80	8881	30.9	148.1	GGGG	19	30
07947N	3856N	2726-15054	00000/0000	2-10026/0603	01/17/77	10	122	21.6	143.9	GGGG	18	33
07947N	3847N	2492-15133	00000/0000	2-10019/0234	05/28/76	50	6859	58.6	114.4	GGGG	18	33
07947N	3847N	2546-15120	00000/0000	2-10020/1172	07/21/76	40	7612	56.0	113.1	GGGG	18	33
07947N	3434N	2689-15024	00000/0000	2-10025/1153	12/11/76	90	9606	24.7	147.2	GGGG	17	36
07947N	3430N	2653-15041	00000/0000	2-10024/0414	11/05/76	0	9104	32.3	145.8	GGGG	17	36
07947N	3428N	2365-15122	00000/0000	2-10015/0084	01/22/76	0	5088	26.6	143.4	FFFF	17	36
07947N	2429N	2633-14562	00000/0000	2-10023/0902	10/16/76	40	8825	44.2	133.2	GGGG	15	43
07948N	4306N	2619-15142	00000/0000	2-10023/0190	10/02/76	40	8630	36.6	143.8	GGGG	19	30
07948N	4302N	2403-15203	00000/0000	2-10016/0563	02/29/76	100	5618	31.1	141.3	GGFG	19	30
07948N	4300N	2367-15212	00000/0000	2-10015/0188	01/24/76	100	5116	20.9	147.2	GGGG	19	30
07948N	3854N	2690-15071	00000/0000	2-10025/1211	12/12/76	90	9620	21.3	149.0	GGGG	18	33
07948N	3852N	2420-15153	00000/0000	2-10017/0106	03/17/76	60	5855	39.9	134.9	GGGG	18	33
07948N	3850N	2528-15123	00000/0000	2-10020/0437	07/03/76	80	7361	58.0	110.2	GGGG	18	33
07948N	3845N	2510-15130	00000/0000	2-10019/1007	06/15/76	50	7110	59.1	110.6	GGGG	18	33
07949N	3430N	2401-15114	00000/0000	2-10016/0493	02/27/76	10	5590	35.7	135.6	GGGF	17	36
07950N	4258N	2385-15210	00000/0000	2-10015/0833	02/11/76	80	5367	25.3	144.2	GGGG	19	30
07950N	3849N	2672-15080	00000/0000	2-10025/0582	11/24/76	100	9369	24.4	149.6	GGGG	18	33
07950N	2417N	2381-15034	00000/0000	2-10015/0642	02/07/76	70	5311	36.0	133.6	FGGG	15	43
07951N	3850N	2600-15103	00000/0000	2-10022/0939	09/13/76	0	8365	44.8	133.4	GGGG	18	33
07951N	3424N	2635-15045	00000/0000	2-10023/1021	10/18/76	0	8853	37.5	141.8	FGGG	17	36
07952N	3849N	2618-15100	00000/0000	2-10023/0269	10/01/76	90	8616	39.7	140.0	FGGG	18	33
07952N	3846N	2366-15165	00000/0000	2-10014/1045	01/23/76	80	5102	23.8	145.4	GGGG	18	33
07952N	3846N	2636-15092	00000/0000	2-10023/1050	10/19/76	40	8867	34.2	145.1	FGGG	18	33
07953N	4249N	2601-15150	00000/0000	2-10022/0954	09/14/76	30	8379	42.3	137.7	GGGG	13	30
07953N	3844N	2402-15160	00000/0000	2-10016/0534	02/28/76	40	5604	33.5	138.5	FGGG	18	33
07953N	3417N	2383-15121	00000/0000	2-10015/0684	02/09/76	0	5339	30.5	139.5	GGGG	17	36
07953N	2900N	2454-15055	00000/0000	2-10018/0022	04/20/76	20	6329	54.7	112.4	GGGG	16	40
07954N	3846N	2654-15084	00000/0000	2-10024/0393	11/06/76	10	9118	28.9	148.3	GGGG	18	33
07955N	2852N	2472-15052	00000/0000	2-10018/0788	05/08/76	20	6580	57.9	104.1	GGGG	16	40
07956N	2857N	2580-15023	00000/0000	2-10022/0140	08/24/76	60	8086	52.8	111.3	GGGG	16	40
07956N	2849N	2490-15050	00000/0000	2-10019/0158	05/26/76	10	6831	59.4	96.8	GG	16	40
07957N	4607N	2458-15234	00000/0000	2-10018/0175	04/24/76	20	6385	49.1	134.8	GGGG	20	28

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0482

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
07957	N	2854N	2436-15063	00000/0000	2-10017/0568	04/02/76	10	6078	49.9	119.8	GGGG			16	40
07957	N	2851N	2526-15040	00000/0000	2-10020/0345	07/01/76	80	7333	58.3	92.2	GGGG			16	40
07957	N	2849N	2544-15033	00000/0000	2-10020/1209	07/19/76	40	7584	56.8	95.9	GGGG			16	40
07957	N	2846N	2508-15043	00000/0000	2-10019/0914	06/13/76	20	7082	59.2	92.4	GGGG			16	40
07958	N	4602N	2476-15231	00000/0000	2-10018/0966	05/12/76	10	6636	53.8	130.7	GGGG			20	28
07958	N	2853N	2598-15020	00000/0000	2-10022/0813	09/11/76	70	8337	49.8	121.3	GGGG			16	40
07959	N	4606N	2440-15241	00000/0000	2-10017/0934	04/06/76	40	6134	43.1	138.1	GGGG			20	28
07959	N	3831N	2384-15163	00000/0000	2-10015/0698	02/10/76	30	5353	28.0	141.8	GGGG			18	33
07959	N	2856N	2706-14580	00000/0000	2-10026/0055	12/28/76	60	9843	27.4	142.7	GGGG			16	40
07959	N	2854N	2724-14571	00000/0000	2-10026/0489	01/15/77	70	94	28.0	139.4	GGGG			16	40
07959	N	2849N	2418-15070	00000/0000	2-10017/0016	03/15/76	50	5827	44.2	126.1	GGGG			16	40
08000	N	2852N	2688-14584	00000/0000	2-10025/1129	12/10/76	80	9592	28.9	144.5	GGGG			16	40
08000	N	2850N	2616-15013	00000/0000	2-10023/0215	09/29/76	30	8588	46.0	130.1	GGGG			16	40
08001	N	4606N	2584-15202	00000/0000	2-10022/0221	08/28/76	60	8142	45.3	135.3	GGGG			20	28
08001	N	4603N	2566-15205	00000/0000	2-10021/0804	08/10/76	0	7891	49.8	129.5	GGGG			20	28
08002	N	2846N	2400-15073	00000/0000	2-10016/0429	02/26/76	80	5576	38.6	131.5	GGGG			16	40
08003	N	4602N	2692-15163	00000/0000	2-10025/1240	12/14/76	40	9648	15.7	151.9	GGGG			20	28
08003	N	4556N	2494-15225	00000/0000	2-10019/0362	05/30/76	20	6887	56.5	126.3	GGGG			20	28
08003	N	2847N	2670-14593	00000/0000	2-10025/0536	11/22/76	30	9341	32.2	144.4	GGGG			16	40
08003	N	2846N	2634-15005	00000/0000	2-10023/1075	10/17/76	70	8839	41.4	137.2	GGGG			16	40
08004	N	4603N	2728-15150	00000/0000	2-10026/0613	01/19/77	30	150	16.9	146.8	GGGG			20	28
08004	N	4556N	2548-15212	00000/0000	2-10021/0090	07/23/76	30	7640	53.5	124.9	GGGG			20	28
08004	N	2845N	2652-15001	00000/0000	2-10024/0374	11/04/76	50	9090	36.6	142.0	GGGG			16	40
08005	N	4555N	2530-15215	00000/0000	2-10020/0540	07/05/76	10	7389	56.1	122.6	GGGG			20	28
08005	N	3316N	2455-15102	00000/0000	2-10018/0057	04/21/76	70	6343	53.8	118.3	GGGG			17	37
08005	N	3313N	2473-15095	00000/0000	2-10018/0838	05/09/76	0	6594	57.5	111.1	GGGG			17	37
08006	N	4600N	2602-15195	00000/0000	2-10022/0919	09/15/76	90	8393	40.0	141.0	GGGG			20	28
08007	N	4552N	2512-15222	00000/0000	2-10019/1159	06/17/76	90	7138	57.2	123.1	GGGG			20	28
08007	N	4552N	2638-15184	00000/0000	2-10023/1220	10/21/76	70	8895	28.4	150.0	GGGG			20	28
08007	N	4550N	2368-15261	00000/0000	2-10015/0167	01/25/76	10	5130	19.1	148.4	GGGG			20	28
08007	N	3317N	2581-15065	00000/0000	2-10021/1416	08/25/76	60	8100	51.6	118.3	GGGG			17	37
08007	N	3313N	2437-15105	00000/0000	2-10017/0811	04/03/76	0	6092	48.6	124.7	GGGG			17	37
08007	N	3312N	2563-15073	00000/0000	2-10021/0661	08/07/76	40	7849	54.5	110.0	GGGG			17	37
08007	N	2835N	2382-15080	00000/0000	2-10015/0532	02/08/76	50	5325	33.8	136.2	GGGG			16	40
08008	N	4548N	2404-15252	00000/0000	2-10016/0610	03/01/76	30	5632	29.7	143.0	GGGG			20	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29, APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US

PAGE 0483

FROM 01/22/76 TO 01/22/77

PRINCIPAL PRINT OF IMAGE	SUBSERVATION -ID	MICROFILM POSITION	ROLL NO./ IN ROL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08008W	4150N	2457-15171	00000/0000	2-10018/0149	04/23/76	10	6371	51.0	129.5	GGGG		19	31
08009W	4554N	2620-15197	00000/0000	2-10023/0398	10/03/76	0	8644	34.3	146.2	GGGG		20	28
08009W	4552N	2656-15180	00000/0000	2-10025/0086	11/08/76	20	9146	22.9	152.3	GGGG		20	28
08009W	4550N	2386-15255	00000/0000	2-10015/0795	02/12/76	100	5381	23.6	145.6	GGGG		20	28
08009W	3314N	2707-15022	00000/0000	2-10026/0109	12/29/76	0	9857	24.4	144.6	GGGF		17	37
08009W	3312N	2725-15014	00000/0000	2-10026/0560	01/16/77	10	108	25.3	141.4	GGGG		17	37
08009W	3306N	2481-15097	00000/0000	2-10019/0283	05/27/76	40	6845	59.4	104.3	GGGG		17	37
08009W	3304N	2509-15090	00000/0000	2-10019/0933	06/14/76	50	7096	59.5	100.1	GGGG		17	37
08010W	4147N	2475-15185	00000/0000	2-10018/0897	05/11/76	100	6622	55.4	124.5	GGGG		19	31
08010W	3308N	2545-15080	00000/0000	2-10020/1158	07/20/76	30	7598	56.8	103.4	GGGG		17	37
08010W	3308N	2599-15047	00000/0000	2-10022/0793	09/12/76	10	8351	47.9	126.8	FGGG		17	37
08010W	3307N	2527-15087	00000/0000	2-10020/0379	07/02/76	30	7347	58.5	99.8	GGGG		17	37
08011W	4149N	2439-15195	00000/0000	2-10017/0821	04/05/76	10	6120	45.2	133.8	GGGG		19	31
08011W	3729N	2474-15142	00000/0000	2-10018/0922	05/10/76	30	6608	56.7	117.9	GGGG		18	34
08011W	3308N	2419-15113	00000/0000	2-10017/0076	03/16/76	90	5841	42.5	130.0	GGG		17	37
08012W	4855N	2459-15283	00000/0000	2-10018/0202	04/25/76	100	6399	47.9	138.1	GFGG		21	26
08012W	3309N	2617-15055	00000/0000	2-10023/0230	09/30/76	100	8602	43.4	134.7	GGGG		17	37
08012W	3308N	2671-15035	00000/0000	2-10025/0631	11/23/76	10	9355	28.9	146.8	GGGG		17	37
08013W	4148N	2583-15155	00000/0000	2-10022/0177	08/27/76	90	8128	47.7	130.0	GGGG		19	31
08013W	4147N	2727-15104	00000/0000	2-10026/0628	01/18/77	10	136	19.7	145.0	GGGG		19	31
08013W	3732N	2438-15157	00000/0000	2-10017/0951	04/04/76	90	6106	47.0	129.3	GGGG		18	34
08013W	3732N	2582-15117	00000/0000	2-10021/1429	08/26/76	20	8114	49.9	124.4	GGGG		18	34
08013W	3308N	2689-15031	00000/0000	2-10025/1154	12/11/76	90	9606	25.7	146.5	GGGG		17	37
08013W	3305N	2653-15044	00000/0000	2-10024/0415	11/05/76	20	9104	33.4	144.9	GGGG		17	37
08013W	3302N	2365-15125	00000/0000	2-10015/0085	01/22/76	0	5088	27.6	142.7	FFFF		17	37
08014W	4854N	2441-15291	00000/0000	2-10017/1098	04/07/76	30	6148	41.8	140.8	GGGG		21	26
08014W	4147N	2709-15117	00000/0000	2-10026/0169	12/31/76	20	9885	18.2	148.0	G		19	31
08014W	4145N	2565-15167	00000/0000	2-10021/0791	08/09/76	90	7877	51.8	123.4	GGGG		19	31
08014W	4138N	2493-15152	00000/0000	2-10018/0321	05/29/76	80	6873	57.9	119.2	GGFF		19	31
08014W	3728N	2564-15115	00000/0000	2-10021/0739	08/08/76	90	7863	53.4	116.8	GGGG		18	34
08015W	4855N	2711-15207	00000/0000	2-10026/0178	01/02/77	50	9913	13.0	150.8	GGGG		21	26
08015W	4850N	2477-15281	2-10018/1434	2-10018/1027	05/13/76	10	6650	52.6	134.5	GGG FGGG		21	26
08015W	4140N	2547-15165	00000/0000	2-10020/1083	07/22/76	20	7626	55.1	118.0	GGGG		19	31
08015W	4139N	2529-15172	00000/0000	2-10020/0390	07/04/76	60	7375	57.4	115.2	GGGG		19	31
08015W	3731N	2726-15061	00000/0000	2-10026/0604	01/17/77	0	122	22.5	143.2	GGGG		18	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

FOR US

PAGE 0484

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OBSERVATION  
OF IMAGE ID

LONG	LAT	POSITION IN REL RBV	DATE ACQUIRED	CLOUD COVER %	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08015W	3730N	2708-15065	00000/0000	2-10026/0121	12/30/76	10	9871	21.3	146.3		
08015W	3722N	2492-15135	00000/0000	2-10019/0235	05/28/76	70	6859	58.9	111.9	GGGG	18 34
08015W	3722N	2546-15123	00000/0000	2-10020/1173	07/21/76	30	7612	56.2	110.8	GGGG	18 34
08016W	4855N	2585-15251	00000/0000	2-10022/0038	08/29/76	90	8156	43.4	138.7	GGGG	18 34
08016W	4144N	2691-15120	00000/0000	2-10025/1227	12/13/76	70	9634	19.1	150.2	GGGG	21 26
08016W	3726N	2420-15155	00000/0000	2-10017/0107	03/17/76	40	5855	40.6	133.7	GGGG	19 31
08016W	3725N	2528-15130	00000/0000	2-10020/0438	07/03/76	90	7361	58.2	107.6	GGGG	18 34
08016W	3720N	2510-15133	00000/0000	2-10019/1008	06/15/76	60	7110	59.3	107.9	GGGG	18 34
08017W	4853N	2729-15195	00000/0000	2-10026/0697	01/20/77	20	164	15.0	148.0	GGGF	18 34
08017W	4851N	2603-15244	00000/0000	2-10027/1039	09/16/76	0	8407	37.9	143.9	GGGG	21 26
08017W	4849N	2423-15294	00000/0000	2-10017/0225	03/20/76	100	5897	35.0	142.9	GGGG	21 26
08017W	4845N	2495-15274	00000/0000	2-10019/0375	05/31/76	40	6901	55.4	130.7	GGGG	21 26
08017W	4139N	2673-15125	00000/0000	2-10025/0645	11/25/76	60	9383	22.0	150.9	GGGG	21 26
08017W	4135N	2511-15175	00000/0000	2-10019/1101	06/16/76	90	7124	58.5	115.6	GGGG	19 31
08017W	3728N	2690-15073	00000/0000	2-10025/1212	12/12/76	100	9620	22.4	148.4	GGGG	19 31
08017W	3258N	2435-15052	00000/0000	2-10023/1022	10/18/76	10	8853	38.5	140.8	GGGF	18 34
08018W	4851N	2693-15212	00000/0000	2-10025/1269	12/15/76	10	9662	13.4	153.0	GGGG	17 37
08018W	4846N	2405-15301	00000/0000	2-10016/0659	03/02/76	10	5647	28.1	144.9	GGG	21 26
08018W	4846N	2531-15264	00000/0000	2-10020/0554	07/06/76	10	7403	54.9	127.3	GGGG	21 26
08018W	4138N	2655-15133	00000/0000	2-10025/0042	11/07/76	50	9132	26.5	150.0	GGGG	19 31
08018W	3724N	2672-15082	00000/0000	2-10025/0583	11/24/76	90	9369	25.5	148.9	GGGG	19 31
08018W	2726N	2472-15055	00000/0000	2-10018/0789	05/08/76	20	6580	58.0	101.6	PGFF	18 34
08019W	4844N	2549-15241	00000/0000	2-10021/0104	07/24/76	40	7654	52.2	129.3	GGGG	16 41
08019W	4141N	2619-15145	00000/0000	2-10023/0191	10/02/76	60	8630	37.5	142.6	GGGG	21 26
08019W	4137N	2403-15210	00000/0000	2-10016/0564	02/29/76	70	5618	32.1	140.3	GGFG	19 31
08019W	4137N	2637-15141	00000/0000	2-10023/1155	10/20/76	90	8881	31.9	147.2	GGGG	19 31
08019W	4134N	2367-15215	00000/0000	2-10015/0189	01/24/76	100	5116	22.0	146.5	GGGG	19 31
08019W	3724N	2600-15105	00000/0000	2-10022/0940	09/13/76	10	8365	45.3	131.9	GGFG	18 34
08020W	3251N	2383-15123	00000/0000	2-10015/0685	02/09/76	0	5339	31.4	138.7	GGGF	17 37
08020W	3721N	2636-15094	00000/0000	2-10023/0270	10/01/76	90	8616	40.6	138.8	GGGG	18 34
08020W	3720N	2366-15172	00000/0000	2-10023/1051	10/19/76	50	8867	35.2	144.2	GGGG	18 34
08020W	2730N	2580-15025	00000/0000	2-10014/1046	01/23/76	10	5102	24.8	144.7	GGGG	18 34
08020W	2727N	2436-15065	00000/0000	2-10022/0141	08/24/76	50	8086	53.1	109.8	GGGG	16 41
08020W	2725N	2526-15043	00000/0000	2-10017/0571	04/02/76	50	6078	50.4	119.0	GG	16 41
08020W			00000/0000	2-10020/0346	07/01/76	90	7333	58.0	89.8	GGGP	16 41

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

0129 APR 24, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0485

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	SUN ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
LONG LAT		RBV	MSS						123 45678				
08020W	2723N	2490-15052	00000/0000	2-10019/0155	05/26/76	10	6831	59.2	94.2	GGGG		16	41
08021W	4344N	2621-15241	00000/0000	2-10023/0325	10/04/76	40	8658	31.9	148.5	GGGG	H	21	26
08021W	4132N	2385-15212	00000/0000	2-10015/0834	02/11/76	90	5367	26.3	143.4	GGGG		19	31
08021W	3719N	2402-15163	00000/0000	2-10014/0535	02/28/76	30	5604	34.4	137.5	FGFG		18	34
08021W	2727N	2598-15022	00000/0000	2-10022/0814	09/11/76	70	8337	50.4	119.5	GGGG		16	41
08021W	2719N	2508-15050	00000/0000	2-10019/0915	06/13/76	30	7082	59.0	89.8	GGGG		16	41
08022W	4840N	2369-15311	00000/0000	2-10015/0117	01/26/76	100	5144	17.2	149.7	GGGG		21	26
08022W	3720N	2654-15090	00000/0000	2-10024/0394	11/06/76	0	9118	30.0	147.6	GGGG		18	34
08022W	2729N	2706-14542	00000/0000	2-10026/0056	12/28/76	20	9843	28.4	142.0	GGGG		16	41
08023W	4839N	2513-15271	00000/0000	2-10019/1186	06/18/76	50	7152	56.1	127.8	GGGG		21	26
08023W	2727N	2724-14574	00000/0000	2-10026/0490	01/15/77	80	94	28.9	138.7	GGGG		16	41
08023W	2724N	2418-15073	00000/0000	2-10017/0017	03/15/76	40	5827	44.9	124.7	GGGG		16	41
08024W	4842N	2639-15233	00000/0000	2-10023/1202	10/22/76	90	8909	26.0	151.9	GGGG		21	26
08024W	4838N	2387-15304	00000/0000	2-10015/0751	02/13/76	30	5395	22.0	147.1	GGGG		21	26
08024W	4124N	2601-15153	00000/0000	2-10022/0955	09/14/76	30	8379	43.1	136.3	GGGG		19	31
08024W	2726N	2688-14591	00000/0000	2-10025/1130	12/10/76	40	9592	30.0	143.8	GGGG		16	41
08024W	2724N	2616-15015	00000/0000	2-10023/0216	09/29/76	30	8588	46.7	128.7	FGGG		16	41
08025W	4835N	2513-15272	2-10020/1269	00000/0000	06/18/76	60	7152	56.1	127.6	GGG		21	26
08026W	2722N	2670-14595	00000/0000	2-10025/0537	11/22/76	40	9341	33.2	143.6	GGGG		16	41
08026W	2720N	2400-15020	00000/0000	2-10016/0430	02/26/76	80	5576	39.3	130.4	GGGG		16	41
08027W	3706N	2384-15170	00000/0000	2-10015/0699	02/10/76	10	5353	28.9	141.0	GGG		18	34
08027W	2720N	2634-15012	00000/0000	2-10023/1076	10/17/76	30	8839	42.3	136.0	GGGG		16	41
08028W	2719N	2652-15074	00000/0000	2-10024/0375	11/04/76	50	9090	37.6	141.1	GGGG		16	41
08030W	3149N	2455-15114	00000/0000	2-10018/0058	04/21/76	50	6343	54.2	116.2	GGGG		17	38
08030W	3146N	2473-15102	00000/0000	2-10018/0839	05/09/76	90	6594	57.8	108.6	GGGG		17	38
08031W	4442N	2458-15241	00000/0000	2-10018/0176	04/24/76	90	6385	49.9	133.0	GGGG		20	29
08031W	4436N	2476-15234	00000/0000	2-10018/0967	05/12/76	10	6636	54.4	128.5	GGGG		20	29
08031W	2709N	2382-15033	00000/0000	2-10015/0533	02/08/76	10	5325	34.6	135.3	FGFG		16	41
08032W	3151N	2581-15072	00000/0000	2-10021/1417	08/25/76	30	8100	52.0	116.4	GGGG		17	38
08033W	3147N	2437-15112	00000/0000	2-10017/0812	04/03/76	0	6092	49.2	123.0	GGGG		17	38
08033W	3147N	2563-15076	00000/0000	2-10021/0662	08/07/76	30	7849	54.7	107.8	GGGG		17	38
08033W	3140N	2491-15095	00000/0000	2-10019/0284	05/27/76	80	6845	59.4	101.7	GGGG		17	38
08034W	4438N	2566-15211	00000/0000	2-10021/0805	08/10/76	0	7891	50.5	127.6	GGGG		20	29
08034W	3138N	2509-15092	00000/0000	2-10019/0934	06/14/76	10	7096	55.5	97.5	GGGG		17	38
08035W	4441N	2554-15204	00000/0000	2-10022/0222	08/28/76	60	8142	46.0	133.7	GGGG		20	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0486

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS						123 45678				
08035W	3147N	2707-15025	00000/0000	2-10026/0110	12/29/76	10	9857	25.4	143.9	GGGG		17	38
08035W	3146N	2725-15021	00000/0000	2-10026/0561	01/16/77	10	108	26.3	140.7	GGGG		17	38
08035W	3143N	2599-15065	00000/0000	2-10027/0794	09/12/76	50	8951	48.5	125.2	GGGG		17	38
08035W	3142N	2545-15032	00000/0000	2-10027/1159	07/20/76	30	7598	56.8	101.0	GGGG		17	38
08035W	3141N	2527-15085	00000/0000	2-10027/0380	07/02/76	30	7347	58.5	97.3	GGGG		17	38
08036W	4437N	2632-15165	00000/0000	2-10025/1241	12/14/76	60	9648	16.8	151.3	GGGG		20	29
08036W	4430N	2494-15231	00000/0000	2-10019/0363	05/30/76	70	6887	57.1	123.9	GGGG		20	29
08036W	3142N	2419-15115	00000/0000	2-10017/0077	03/16/76	70	5841	43.2	128.6	FGFG		17	38
08037W	4432N	2422-15251	00000/0000	2-10017/0212	03/19/76	30	5883	37.3	139.4	GGGG		20	29
08037W	3142N	2671-15042	00000/0000	2-10025/0632	11/23/76	10	9355	29.9	146.0	GGGG		17	38
08038W	4438N	2728-15153	00000/0000	2-10026/0614	01/19/77	40	150	17.9	146.2	GGGG		20	29
08038W	4431N	2530-15222	00000/0000	2-10020/0541	07/05/76	10	7389	56.5	120.2	GGGG		20	29
08038W	4431N	2548-15221	00000/0000	2-10021/0091	07/23/76	70	7640	54.0	122.7	GGGG		20	29
08038W	4024N	2457-15194	00000/0000	2-10018/0150	04/23/76	10	6371	51.7	127.7	GGGG		19	32
08038W	3143N	2617-15062	00000/0000	2-10023/0231	09/30/76	80	8602	44.2	133.4	GGGG		17	38
08038W	3142N	2639-15033	00000/0000	2-10025/1155	12/11/76	90	9606	26.8	145.8	GGGG		17	38
08038W	3136N	2365-15131	00000/0000	2-10015/0036	01/22/76	0	5088	28.5	141.9	FGFF		17	38
08039W	4435N	2602-15201	00000/0000	2-10022/0920	09/15/76	90	8393	40.9	139.7	GGGG		20	29
08039W	3603N	2474-15144	00000/0000	2-10018/0923	05/10/76	50	6608	57.1	115.5	GGGG		18	35
08039W	3138N	2653-15050	00000/0000	2-10024/0416	11/05/76	30	9104	34.4	144.1	FFGF		17	38
08040W	4426N	2512-15225	00000/0000	2-10019/1160	06/17/76	50	7138	57.7	120.6	GGGG		20	29
08040W	4021N	2475-15131	00000/0000	2-10018/0898	05/11/76	80	6622	55.9	122.2	GGFG		19	32
08040W	3606N	2438-15154	00000/0000	2-10017/0952	04/04/76	30	6106	47.7	127.7	GGGG		18	35
08040W	3606N	2582-15115	00000/0000	2-10021/1430	08/26/76	30	8114	50.4	122.5	GGGG		18	35
08040W	3139N	2401-15123	00000/0000	2-10016/0494	02/27/76	0	5590	37.3	133.5	GGFG		17	38
08040W	2607N	2454-15064	00000/0000	2-10018/0023	04/20/76	40	6329	55.2	108.0	GGGG		16	42
08041W	4427N	2638-15190	00000/0000	2-10023/1221	10/21/76	70	8895	29.5	149.2	GGGG		20	29
08041W	4425N	2368-15264	00000/0000	2-10015/0168	01/25/76	40	5130	20.1	147.7	GGGG		20	29
08041W	4423N	2404-15255	00000/0000	00000/0000	03/01/76	30	5632	30.6	142.0	FFF		20	29
08041W	4024N	2439-15201	00000/0000	2-10017/0822	04/05/76	0	6120	45.9	132.3	GGGG		19	32
08041W	3602N	2564-15122	00000/0000	2-10021/0740	08/08/76	90	7863	53.8	114.7	GGGG		18	35
08042W	4428N	2656-15132	00000/0000	2-10025/0087	11/08/76	60	9146	24.0	151.6	GGGG		20	29
08042W	4425N	2386-15262	00000/0000	2-10015/0796	02/12/76	100	5381	24.6	144.8	FGGG		20	29
08042W	3557N	2546-15125	00000/0000	2-10020/1174	07/21/76	10	7612	56.4	108.4	FFGG		18	35
08042W	3556N	2492-15142	00000/0000	2-10019/0236	05/28/76	90	6859	59.1	109.2	GGGG		18	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0487

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS.	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN. ELEV.	SUN. AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08042W	2600N	2472-15061	00000/0000	2-10018/0790	05/08/76	30	6580	58.0	99.1	PPGG	H	16	42
08043W	4429N	2620-15194	00000/0000	2-10023/0399	10/03/76	0	8644	35.3	145.1	GGG		20	29
08043W	4023N	2583-15161	00000/0000	2-10022/0178	08/27/76	90	8128	48.4	128.3	GGGG		19	32
08043W	4021N	2727-15110	00000/0000	2-10026/0629	01/18/77	10	136	20.7	144.4	GGGG		19	32
08043W	4020N	2565-15165	00000/0000	2-10021/0792	08/09/76	90	7877	52.4	121.4	GGGG		19	32
08043W	3605N	2726-15062	00000/0000	2-10026/0605	01/17/77	0	122	23.5	142.6	GGGG		18	35
08043W	3604N	2708-15072	00000/0000	2-10026/0122	12/30/76	0	9871	22.4	145.7	GGGG		18	35
08043W	3559N	2528-15132	00000/0000	2-10020/0439	07/03/76	90	7361	58.4	105.1	GGGG		18	35
08043W	3554N	2510-15135	00000/0000	2-10019/1009	06/15/76	30	7110	59.4	105.3	GGGG		18	35
08043W	3133N	2635-15054	00000/0000	2-10023/1023	10/18/76	50	8853	39.4	139.7	GGGG		17	38
08043W	2559N	2526-15045	00000/0000	2-10020/0347	07/01/76	80	7333	57.7	87.4	GGGG		16	42
08043W	2557N	2490-15055	00000/0000	2-10019/0156	05/26/76	40	6831	59.1	91.7	GGGG	H	16	42
08044W	4022N	2709-15114	00000/0000	2-10026/0170	12/31/76	10	9885	19.3	147.4	GGGG		19	32
08044W	4013N	2493-15185	00000/0000	2-10019/0322	05/29/76	90	6873	58.3	116.7	GGGG		19	32
08044W	3600N	2420-15162	00000/0000	2-10017/0108	03/17/76	10	5855	41.4	132.4	GGGG		18	35
08044W	3126N	2383-15130	00000/0000	2-10015/0686	02/09/76	0	5339	32.3	137.8	GGGG		17	38
08044W	2603N	2580-15032	00000/0000	2-10022/0142	08/24/76	60	8086	53.3	107.7	GGGG		16	42
08044W	2601N	2436-15072	00000/0000	2-10017/0569	04/02/76	10	6078	50.8	116.2	GGGG	H	16	42
08044W	2553N	2508-15052	00000/0000	2-10019/0916	06/13/76	40	7082	58.7	87.3	GGGG		16	42
08045W	4015N	2547-15172	00000/0000	2-10020/1084	07/22/76	90	7626	55.5	115.7	GGGG		19	32
08045W	4013N	2529-15175	00000/0000	2-10020/0391	07/04/76	70	7375	57.7	112.7	GGGG		19	32
08045W	3603N	2690-15080	00000/0000	2-10025/1213	12/12/76	100	9620	23.5	147.8	GGGG		18	35
08045W	2601N	2595-15025	00000/0000	2-10022/0815	09/11/76	60	8337	50.8	117.7	GGGG		16	42
08046W	4018N	2691-15123	00000/0000	2-10025/1228	12/13/76	40	9634	20.2	149.5	GGGG		19	32
08046W	3558N	2600-15112	00000/0000	2-10022/0941	09/13/76	20	8365	46.3	130.4	GGGG		18	35
08046W	3558N	2672-15085	00000/0000	2-10025/0584	11/24/76	60	9369	26.5	148.2	GGGG		18	35
08047W	4014N	2673-15131	00000/0000	2-10025/0646	11/25/76	90	9383	23.1	150.3	GGGG		19	32
08047W	4009N	2511-15182	00000/0000	2-10019/1102	06/16/76	90	7124	58.8	113.0	GGGG		19	32
08047W	3558N	2618-15105	00000/0000	2-10023/0271	10/01/76	80	8616	41.5	137.6	GGGG		18	35
08048W	4730N	2459-15290	00000/0000	2-10018/0203	04/25/76	90	6399	48.7	136.3	GGGG		21	27
08048W	4013N	2655-15140	00000/0000	2-10025/0043	11/07/76	10	9132	27.6	149.3	GGGG		19	32
08048W	3556N	2636-15101	00000/0000	2-10023/1052	10/19/76	90	8867	36.2	143.2	GGGG		18	35
08048W	3555N	2366-15174	00000/0000	2-10014/1047	01/23/76	0	5107	25.8	143.9	GGGG		18	35
08048W	3554N	2402-15165	00000/0000	2-10016/0536	02/28/76	10	5604	35.2	136.4	GGGG		18	35
08048W	2558N	2616-15022	00000/0000	2-10023/0217	09/29/76	30	8588	47.4	127.1	GGGG		16	42

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER,  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 29, 177

LANDSAT-2  
COORDINATE LISTING  
FOR US

PAGE 0488

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN RBL	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SRRIT PATH NUM.	FRAME ROW NUM.
LONG	LAT		RBV	MSS						123 45678				
08049W	4015N	2619-15151	00000/0000	2-10023/0192	10/02/76	80	8630	38.5	141.5	GGGG			19	32
08049W	4012N	2403-15212	00000/0000	2-10018/0565	02/29/76	10	5618	32.9	139.3	GGGG			19	32
08049W	4012N	2637-15144	00000/0000	2-10023/1156	10/20/76	100	8881	32.9	146.3	GGGG			19	32
08049W	4009N	2367-15221	00000/0000	2-10015/0190	01/24/76	60	5116	23.0	145.8	GGGG			19	32
08049W	2556N	2670-15002	00000/0000	2-10025/0539	11/22/76	90	9341	34.2	142.8	GG		H	16	42
08049W	2554N	2400-15082	00000/0000	2-10016/0431	02/26/76	70	5576	40.0	129.2	GFGG			16	42
08050W	3554N	2654-15093	00000/0000	2-10024/0395	11/06/76	0	9118	31.0	146.7	GGGG			18	35
08050W	2554N	2634-15014	00000/0000	2-10023/1077	10/17/76	20	8839	43.1	134.8	GGGG			16	42
08051W	4728N	2441-15293	00000/0000	2-10017/1099	04/07/76	90	6148	42.6	139.3	FGGG			21	27
08051W	4007N	2385-15215	00000/0000	2-10015/0835	02/11/76	100	5367	27.2	142.6	GGGG			19	32
08051W	2553N	2652-15010	00000/0000	2-10024/0376	11/04/76	30	9090	38.5	140.1	GGGG			16	42
08052W	4730W	2711-15210	00000/0000	2-10026/0179	01/02/77	50	9913	14.1	150.2	GGGG			21	27
08052W	4725W	2477-15283	00000/0000	2-10018/1028	05/13/76	10	6650	53.3	132.5	GGGG			21	27
08053W	4730W	2555-15253	00000/0000	2-10027/0039	08/29/76	90	8156	44.2	137.1	GGGG			21	27
08053W	4728W	2729-15207	00000/0000	2-10026/0698	01/20/77	30	164	16.0	147.3	GGGG			21	27
08053W	4724W	2423-15301	00000/0000	2-10017/0226	03/20/76	100	5897	35.9	141.7	GFGF			21	27
08054W	4727W	2567-15261	00000/0000	2-10021/0862	08/11/76	30	7905	49.0	131.7	GGGG			21	27
08054W	4727W	2693-15214	00000/0000	2-10025/1270	12/15/76	0	9662	14.5	152.4	GGGG			21	27
08054W	4726W	2603-15250	00000/0000	2-10022/1040	09/16/76	0	8407	38.8	142.7	FGGG			21	27
08054W	4722W	2405-15304	00000/0000	2-10016/0660	03/02/76	20	5647	29.0	143.9	GGG	PGPF		21	27
08054W	4720W	2495-15281	00000/0000	2-10019/0376	05/31/76	50	6901	56.0	128.4	GGGF			21	27
08054W	3958W	2601-15155	00000/0000	2-10022/0956	09/14/76	70	8379	43.9	134.9	GGGG			19	32
08054W	3541N	2384-15172	00000/0000	2-10015/0700	02/10/76	0	5353	29.9	140.2	GGGF			18	35
08054W	2543N	2382-15085	00000/0000	2-10015/0534	02/08/76	40	5325	35.5	134.3	FGFG			16	42
08055W	4722W	2331-15271	00000/0000	2-10020/0555	07/06/76	10	7403	55.4	125.0	GGGG			21	27
08055W	4719W	2549-15264	00000/0000	2-10021/0105	07/24/76	20	7654	52.8	127.2	GFGG			21	27
08055W	3023N	2455-15111	00000/0000	2-10018/0059	04/21/76	30	6343	54.6	114.1	GFGG			17	39
08055W	3020N	2473-15104	00000/0000	2-10018/0840	05/09/76	90	6594	58.0	106.2	GGGG			17	39
08057W	3025N	2581-15074	00000/0000	2-10021/1418	08/25/76	30	8100	52.4	114.4	GGGG			17	39
08057W	3021N	2437-15114	00000/0000	2-10017/0813	04/03/76	10	6092	49.7	121.2	GGGG			17	39
08057W	3021N	2563-15082	00000/0000	2-10021/0663	08/07/76	10	7849	54.9	105.6	GGGG			17	39
08058W	4720W	2621-15243	00000/0000	2-10023/0327	10/04/76	30	8658	33.0	147.5	GGGG			21	27
08058W	3014N	2491-15101	00000/0000	2-10019/0285	05/27/76	70	6845	59.4	99.1	GFGG			17	39
08059W	4716W	2369-15313	00000/0000	2-10015/0118	01/26/76	100	5144	18.2	149.0	GGGG			21	27
08059W	4715W	2513-15274	2-10019/1511	2-10019/1187	06/18/76	30	7152	56.7	125.4	FGG	GGGG		21	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0489

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN ROLL RBV MSS	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SPBIT PATH NUM.	FRAME ROW NUM.
08059N	3016N	2545-15085	00000/0000	2-10020/1160	07/20/76	20	7598	56.8	98.6	GGGG	17	39
08059W	3015N	2527-15092	00000/0000	2-10020/0381	07/02/76	50	7347	58.3	94.8	GGGG	17	39
08059W	3013N	2509-15095	00000/0000	2-10019/0935	06/14/76	20	7096	59.4	94.9	GGGG	17	39
08100W	4717N	2639-15240	00000/0000	2-10023/1203	10/22/76	70	8909	27.0	151.1	GGGG	21	27
08100W	4713N	2387-15311	00000/0000	2-10015/0752	02/13/76	50	5395	23.0	146.3	GGGG	21	27
08100W	3021N	2707-15031	00000/0000	2-10026/0111	12/29/76	10	9857	26.4	143.2	GGGG	17	39
08100W	3020N	2725-15023	00000/0000	2-10026/0562	01/16/77	10	108	27.2	139.9	GGGG	17	39
08100W	3017N	2599-15072	00000/0000	2-10022/0795	09/12/76	50	8351	49.1	123.5	GGGG	17	39
08101W	3016N	2419-15122	00000/0000	2-10017/0078	03/16/76	70	5841	43.9	127.2	GGGG	17	39
08102W	3016N	2671-15044	00000/0000	2-10025/0633	11/23/76	10	9355	30.9	145.3	GGGG	17	39
08103W	4317N	2458-15243	00000/0000	2-10018/0177	04/24/76	90	6385	50.6	131.2	GGGG	20	30
08103W	3017N	2617-15064	00000/0000	2-10023/0232	09/30/76	80	8602	45.0	132.0	GGGG	17	39
08103W	3016N	2689-15040	00000/0000	2-10025/1156	12/11/76	70	9606	27.8	145.1	GGGG	17	39
08103W	3012N	2653-15053	00000/0000	2-10024/0417	11/05/76	40	9104	35.4	143.2	GGGG	17	39
08103W	3011N	2355-15134	00000/0000	2-10015/0087	01/22/76	0	5088	29.5	141.2	GGGG	17	39
08103W	2440W	2454-15071	00000/0000	2-10018/0024	04/20/76	30	6329	55.4	105.8	GGGG	H	16
08104W	4311N	2476-15240	00000/0000	2-10018/0968	05/12/76	10	6636	55.0	126.4	GGGG	20	30
08104W	2434N	2472-15064	00000/0000	2-10018/0791	05/08/76	10	6580	58.0	96.7	GGGG	H	16
08105W	4315N	2440-15250	00000/0000	2-10017/0935	04/06/76	10	6134	44.7	135.1	GGGG	20	30
08105W	3012N	2401-15125	00000/0000	2-10016/0495	02/27/76	0	5590	38.1	132.4	GGGG	17	39
08105W	2433N	2526-15052	00000/0000	2-10020/0348	07/01/76	70	7333	57.4	85.1	GGGG	16	43
08106W	3437N	2474-15151	00000/0000	2-10018/0924	05/10/76	60	6608	57.4	113.1	GGGG	18	36
08106W	2430N	2490-15061	00000/0000	2-10019/0157	05/26/76	10	6831	58.8	89.2	GGGG	H	16
08107W	4315N	2584-15211	00000/0000	2-10022/0223	08/28/76	70	8142	46.8	132.1	GGGG	20	30
08107W	4312N	2566-15214	00000/0000	2-10021/0806	08/10/76	0	7891	51.1	125.7	GGGG	20	30
08107W	4305N	2494-15234	00000/0000	2-10019/0364	05/30/76	70	6887	57.6	121.5	GGGG	20	30
08107W	3441N	2582-15121	00000/0000	2-10021/1431	08/26/76	60	8114	50.9	120.7	GGGG	13	36
08107W	3436N	2564-15124	00000/0000	2-10021/0741	08/08/76	90	7863	54.1	112.5	GGGG	18	36
08107W	2437N	2580-15034	00000/0000	2-10022/0143	08/24/76	40	8086	53.5	105.6	GGGG	16	43
08107W	2435N	2436-15074	00000/0000	2-10017/0570	04/02/76	30	6078	51.2	114.3	GGGG	H	16
08108W	3858N	2457-15200	00000/0000	2-10018/0151	04/23/76	10	6371	52.3	125.7	GGGG	19	33
08108W	3440N	2438-15161	00000/0000	2-10017/0953	04/04/76	20	6106	48.3	126.1	GGGG	18	36
08108W	3006N	2635-15061	00000/0000	2-10023/1024	10/18/76	80	8853	40.3	138.6	GGGG	17	39
08108W	2435N	2598-15031	00000/0000	2-10022/0816	09/11/76	40	8337	51.2	115.8	GGGG	16	43
08109W	4313N	2728-15155	00000/0000	2-10026/0615	01/19/77	80	150	18.9	145.5	GGGG	20	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 23, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0490

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	SBSERVATION ID	MICROFILM POSITION	ROLL No./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RVS MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08109W	4312N	2692-15172	00000/0000	2-10025/1242	12/14/76	40	9648	17.9	150.7	GGGG		20	30
08109W	4307N	2548-15221	00000/0000	2-10021/0092	07/23/76	90	7640	54.5	120.5	GGGG		20	30
08109W	3856N	2475-15194	00000/0000	2-10018/0899	05/11/76	80	6622	56.4	119.9	GGGG		19	33
08109W	3434N	2528-15135	00000/0000	2-10020/0440	07/03/76	60	7361	58.4	102.5	GGGG		18	36
08109W	3431N	2492-15144	00000/0000	2-10019/0237	05/28/76	90	6859	59.3	106.6	GGGG		18	36
08109W	3431N	2546-15132	00000/0000	2-10020/1175	07/21/76	10	7612	56.6	106.0	GGGG		18	36
08109W	3000N	2383-15132	00000/0000	2-10015/0687	02/09/76	10	5339	33.2	136.9	GGGG		17	39
08109W	2432N	2418-15082	00000/0000	2-10017/0018	03/15/76	40	5827	46.0	121.7	GGGG	H	16	43
08110W	4307N	2422-15254	00000/0000	2-10017/0213	03/19/76	40	5883	38.1	138.2	GGGG		20	30
08110W	4306N	2530-15224	00000/0000	2-10020/0542	07/05/76	10	7389	56.9	117.8	GGGG		20	30
08110W	3858N	2439-15204	00000/0000	2-10017/0823	04/05/76	10	6120	46.6	130.7	GGGG		19	33
08110W	3438N	2708-15074	00000/0000	2-10026/0123	12/30/76	0	9871	23.4	145.1	GGGG		18	36
08110W	3438N	2726-15070	00000/0000	2-10026/0606	01/17/77	0	122	24.5	141.9	GGGG		18	36
08110W	3435N	2420-15164	00000/0000	2-10017/0109	03/17/76	10	5855	42.2	131.1	GGGG		18	36
08110W	3428N	2510-15142	00000/0000	2-10019/1010	06/15/76	60	7110	59.5	102.6	GGGG		18	36
08111W	2432N	2616-15024	00000/0000	2-10023/0218	09/29/76	30	8588	48.0	125.6	GGGG		16	43
08112W	4310N	2602-15204	00000/0000	2-10022/0921	09/15/76	80	8393	41.8	138.4	GGGG		20	30
08112W	4302N	2512-15231	00000/0000	2-10019/1161	06/17/76	70	7138	58.1	118.1	GGGG		20	30
08112W	3857N	2583-15164	00000/0000	2-10022/0179	08/27/76	90	8128	49.0	126.5	GGGG		19	33
08112W	3856N	2727-15112	00000/0000	2-10026/0630	01/18/77	40	136	21.7	143.7	GGGG		19	33
08112W	3855N	2565-15171	00000/0000	2-10021/0793	08/09/76	80	7877	52.8	119.3	GGGG		19	33
08112W	3437N	2690-15082	00000/0000	2-10025/1214	12/12/76	100	9620	24.5	147.1	GGGG		18	36
08112W	2430N	2670-15004	00000/0000	2-10025/0538	11/22/76	80	9341	35.2	141.9	GGGG	H	16	43
08112W	2428N	2400-15085	00000/0000	2-10016/0432	02/26/76	40	5576	40.7	128.0	GGGG		14	43
08113W	4302N	2638-15193	00000/0000	2-10023/1222	10/21/76	70	8895	30.5	148.3	GGGG		20	30
08113W	4300N	2368-15270	00000/0000	2-10015/0169	01/25/76	80	5130	21.1	147.1	GGGG		20	30
08113W	4258N	2404-15261	00000/0000	00000/0000	03/01/76	80	5632	31.6	141.1	FFF		20	30
08113W	3847N	2493-15191	00000/0000	2-10019/0323	05/29/76	70	6873	58.7	114.1	GGGG		19	33
08113W	3432N	2600-15114	00000/0000	2-10022/0942	09/13/76	80	8365	47.0	128.8	GGGG		18	36
08113W	3432N	2618-15111	00000/0000	2-10023/0272	10/01/76	60	8616	42.3	136.4	GGGG		18	36
08113W	3432N	2672-15091	00000/0000	2-10025/0585	11/24/76	30	9369	27.6	147.5	GGGG		18	36
08113W	2428N	2634-15021	00000/0000	2-10023/1078	10/17/76	40	8839	43.9	133.6	GGGG		16	43
08114W	4303N	2656-15145	00000/0000	2-10025/0088	11/08/76	60	9146	25.1	150.9	GGGG		20	30
08114W	4300N	2386-15264	00000/0000	2-10015/0797	02/12/76	60	5381	25.6	144.0	GGGG		20	30
08114W	3856N	2709-15121	00000/0000	2-10026/0171	12/31/76	10	9885	20.3	146.8	GGGG		19	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0491

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08114W	3849N	2547-15174	00000/0000	2-10020/1085	07/22/76	90	7626	55.8	113.4	GGGG	19	33
08114W	3848N	2529-15181	00000/0000	2-10020/0392	07/04/76	80	7375	57.9	110.2	GGGG	19	33
08114W	3429N	2366-15181	00000/0000	2-10014/1048	01/23/76	0	5102	26.7	143.2	GGGG	18	36
08114W	3428N	2402-15172	00000/0000	2-10016/0537	02/28/76	10	5604	36.0	135.4	GGGG	18	36
08114W	2427N	2652-15013	00000/0000	2-10024/0377	11/04/76	40	9090	39.4	139.1	GGGF	16	43
08115W	4303N	2620-15201	00000/0000	2-10023/0400	10/03/76	10	8644	36.3	144.0	GGGG	20	30
08115W	3853N	2691-15125	00000/0000	2-10025/1229	12/13/76	20	9634	21.2	148.9	GGGG	19	33
08115W	3844N	2511-15184	00000/0000	2-10019/1103	06/16/76	90	7124	59.1	110.4	GGGG	19	33
08115W	3430N	2636-15103	00000/0000	2-10023/1053	10/19/76	90	8867	37.2	142.2	FFGG	18	36
08116W	3429N	2654-15095	00000/0000	2-10024/0396	11/06/76	0	9118	32.1	145.9	FFGG	18	36
08117W	3848N	2655-15142	00000/0000	2-10025/0044	11/07/76	30	9132	28.6	148.5	GGGG	19	33
08117W	3848N	2673-15134	00000/0000	2-10025/0647	11/25/76	60	9383	24.2	149.6	GGGG	19	33
08117W	2417N	2352-15092	00000/0000	2-10015/0535	02/08/76	90	5325	36.3	133.3	GGGG	16	43
08118W	3850N	2619-15154	00000/0000	2-10023/0193	10/02/76	90	8630	39.4	140.4	GGGG	19	33
08118W	3846N	2403-15215	00000/0000	2-10016/0566	02/29/76	10	5618	33.8	138.3	GGGG	19	33
08118W	3846N	2637-15150	00000/0000	2-10023/1157	10/20/76	90	8881	33.9	145.4	GGGG	19	33
08118W	3843N	2367-15224	00000/0000	2-10015/0191	01/24/76	70	5116	24.0	145.2	GGGG	19	33
08119W	2857N	2455-15113	00000/0000	2-10018/0060	04/21/76	30	6343	54.9	111.9	GGGG	17	40
08120W	3841N	2385-15221	00000/0000	2-10015/0836	02/11/76	100	5367	28.2	141.7	GGGG	19	33
08120W	3415N	2384-15175	00000/0000	2-10015/0701	02/10/76	10	5353	30.8	139.3	FFGF	18	36
08120W	2854N	2473-15111	00000/0000	2-10018/0841	05/09/76	80	6594	58.1	103.7	GGGG	17	40
08121W	2859N	2581-15081	00000/0000	2-10021/1419	08/25/76	30	8100	52.7	112.4	GGGG	17	40
08121W	2854N	2437-15121	00000/0000	2-10017/0814	04/03/76	10	6092	50.2	119.4	GGGG	17	40
08122W	2855N	2563-15084	00000/0000	2-10021/0664	08/07/76	20	7849	55.0	103.3	GGGG	17	40
08123W	4605N	2459-15292	00000/0000	2-10018/0204	04/25/76	90	6399	49.4	134.6	GGGG	21	28
08123W	3833N	2601-15162	00000/0000	2-10022/0957	09/14/76	60	8379	44.7	133.5	GGGG	19	33
08123W	2849N	2527-15094	00000/0000	2-10020/0382	07/02/76	90	7347	58.2	92.3	GGGG	17	40
08123W	2848N	2491-15104	00000/0000	2-10019/0286	05/27/76	40	6845	59.4	96.5	GGFG	17	40
08124W	2854N	2707-15034	00000/0000	2-10026/0112	12/29/76	10	9857	27.4	142.5	FFGG	17	40
08124W	2854N	2725-15030	00000/0000	2-10026/0563	01/16/77	20	108	28.1	139.2	GGGG	17	40
08124W	2850N	2545-15091	00000/0000	2-10020/1161	07/20/76	30	7598	56.7	96.2	GGGG	17	40
08124W	2846N	2509-15101	00000/0000	2-10019/0936	06/14/76	20	7096	59.2	92.3	FFGG	17	40
08125W	4603N	2441-15300	00000/0000	2-10017/1100	04/07/76	40	6148	43.5	137.9	GGGG	21	28
08125W	2851N	2599-15074	00000/0000	2-10022/0796	09/12/76	70	8351	49.7	121.8	GGGG	17	40
08126W	2850N	2419-15124	00000/0000	2-10017/0064	03/16/76	90	5841	44.6	125.8	F	17	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 23, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0492

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08126W	2850N	2671-15051	00000/0000	2-10025/0634	11/23/76	10	9355	32.0	144.5	GGGG		17	40
08127W	4605N	2711-15212	00000/0000	2-10026/0180	01/02/77	60	9913	15.1	149.6	GGGG		21	28
08127W	4600N	2477-15230	2-10018/1435	2-10018/1029	05/13/76	70	6650	54.0	130.4	G	GGGG	21	28
08127W	2851N	2617-15071	00000/0000	2-10023/0233	09/30/76	90	8602	45.7	130.6	GGGG		17	40
08127W	2850N	2689-15042	00000/0000	2-10025/1157	12/11/76	70	9606	28.8	144.4	GGGG		17	40
08127W	2846N	2653-15055	00000/0000	2-10024/0418	11/05/76	50	9104	36.3	142.2	GFGG		17	40
08127W	2845N	2365-15140	00000/0000	2-10015/0088	01/22/76	0	5088	30.4	140.4	FFFF		17	40
08128W	4605N	2585-15260	00000/0000	2-10022/0040	08/29/76	90	8156	45.0	135.6	GGGG		21	28
08129W	4603N	2729-15204	00000/0000	2-10026/0699	01/20/77	20	164	17.1	146.6	GGGG		21	28
08129W	4602N	2603-15253	00000/0000	2-10027/1041	09/16/76	20	8407	39.7	141.4	GGGG		21	28
08129W	4602N	2693-15221	00000/0000	2-10025/1271	12/15/76	70	9662	15.6	151.8	GGGG		21	28
08129W	4601N	2567-15263	00000/0000	2-10021/0863	08/11/76	30	7905	49.6	129.8	GGGG		21	28
08129W	4558N	2423-15303	00000/0000	2-10017/0227	03/20/76	90	5897	36.8	140.5	FGFG		21	28
08129W	4555N	2495-15283	00000/0000	2-10019/0377	05/31/76	90	6901	56.6	126.0	GGGG		21	28
08129W	2846N	2401-15132	00000/0000	2-10016/0496	02/27/76	10	5590	38.9	131.3	GGFG		17	40
08130W	4557N	2405-15310	00000/0000	00000/0000	03/02/76	100	5647	30.0	143.0	GGG		21	28
08130W	4557N	2531-15273	00000/0000	2-10020/0556	07/06/76	10	7403	55.9	122.7	GGGG		21	28
08130W	4555N	2549-15270	00000/0000	2-10021/0106	07/24/76	0	7654	53.4	125.1	GGGG		21	28
08133W	4555N	2621-15250	00000/0000	2-10023/0328	10/04/76	20	8658	34.0	146.4	GGGG		21	28
08133W	4550N	2513-15230	00000/0000	2-10019/1188	06/18/76	20	7152	57.2	122.9	FGGG		21	28
08133W	3315N	2582-15124	00000/0000	2-10021/1432	08/26/76	70	8114	51.4	118.8	GGGG		18	37
08133W	3310N	2564-15131	00000/0000	2-10021/0742	08/08/76	50	7863	54.4	110.3	GGFG		18	37
08133W	2834N	2393-15135	00000/0000	2-10015/0688	02/09/76	10	5339	34.0	136.0	GGGG		17	40
08134W	4555N	2675-15230	00000/0000	2-10025/0690	11/27/76	70	9411	18.3	152.9	GGGG		21	28
08134W	4551N	2369-15320	00000/0000	2-10015/0119	01/26/76	90	5144	19.3	148.3	GGGG		21	28
08134W	4151N	2458-15250	00000/0000	2-10018/0178	04/24/76	50	6385	51.3	129.3	GGGG		20	31
08134W	3314N	2438-15163	00000/0000	2-10017/0954	04/04/76	10	6106	48.9	124.4	GGGG		18	37
08134W	3306N	2492-15151	00000/0000	2-10019/0238	05/28/76	90	6859	59.4	104.0	GGGG		18	37
08135W	4552N	2639-15242	00000/0000	2-10023/1204	10/22/76	30	8909	28.1	150.2	GGGG		21	28
08135W	4549N	2387-15313	00000/0000	2-10015/0753	02/13/76	30	5395	24.0	145.5	GGFG		21	28
08135W	4546N	2513-15281	2-10020/1270	00000/0000	06/18/76	40	7152	57.2	122.8	GGG		21	28
08135W	4145N	2476-15243	00000/0000	2-10018/0969	05/12/76	20	6636	55.6	124.1	GGGG		20	31
08135W	3308N	2528-15141	00000/0000	2-10020/0441	07/03/76	20	7361	58.4	100.0	GGGG		18	37
08135W	3305N	2546-15134	00000/0000	2-10020/1176	07/21/76	10	7612	56.7	103.6	GGGG		18	37
08136W	3312N	2708-15081	00000/0000	2-10026/0124	12/30/76	10	9871	24.4	144.4	GGGG		16	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
COORDINATE LISTING

PAGE 0493

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
08136W 3312N	2726-15072	00000/0000 2-10026/0607	01/17/77	0	122	25.4	141.2	GGGG			18	37
08136W 3309N	2420-15171	00000/0000 2-10017/0110	03/17/76	0	5853	42.9	129.7	PPPP			18	37
08136W 3303N	2510-15144	00000/0000 2-10019/1011	06/15/76	70	7110	59.5	100.0	GGGG			18	37
08137W 4150N	2440-15253	00000/0000 2-10017/0936	04/06/76	30	6134	45.5	133.6	GGGG			20	31
08137W 3732N	2457-15203	00000/0000 2-10018/0152	04/23/76	10	6371	52.9	123.7	GGGG			19	34
08137W 3730N	2475-15200	00000/0000 2-10018/0900	05/11/76	90	6622	56.9	117.6	GGGG			19	34
08138W 3311N	2690-15085	00000/0000 2-10025/1215	12/12/76	100	9620	25.6	146.5	GGGG			18	37
08138W 3307N	2600-15121	00000/0000 2-10022/0943	09/13/76	90	8365	47.7	127.2	FGGG			18	37
08139W 4856N	2460-15342	00000/0000 2-10018/0233	04/26/76	90	6413	48.1	137.9	GGGG			22	26
08139W 4150N	2584-15213	00000/0000 2-10022/0224	08/28/76	60	8142	47.5	130.4	GGGG			20	31
08139W 4147N	2566-15220	00000/0000 2-10021/0807	08/10/76	40	7891	51.6	123.7	GGGG			20	31
08139W 4140N	2494-15240	00000/0000 2-10019/0365	05/30/76	30	6887	58.0	119.0	GGGG			20	31
08139W 3732N	2439-15210	00000/0000 2-10017/0824	04/05/76	0	6120	47.3	129.1	GGGG			19	34
08139W 3306N	2618-15114	00000/0000 2-10023/0273	10/01/76	10	8616	43.1	135.1	FGGG			18	37
08139W 3306N	2672-15094	00000/0000 2-10025/0586	11/24/76	10	9369	28.7	146.8	GGGG			18	37
08140W 4856N	2586-15306	00000/0000 2-10022/0264	08/30/76	10	8170	43.1	139.0	GGGG			22	26
08140W 4855N	2442-15345	00000/0000 2-10017/1127	04/08/76	20	6162	42.1	140.7	GGGG			22	26
08140W 4147N	2728-15162	00000/0000 2-10026/0616	01/19/77	90	150	19.9	144.8	GGGG			20	31
08140W 4146N	2692-15174	00000/0000 2-10025/1243	12/14/76	20	9648	19.0	150.1	GGGG			20	31
08140W 4142N	2548-15224	00000/0000 2-10021/0093	07/23/76	70	7640	54.9	118.3	GGGG			20	31
08140W 3731N	2583-15170	00000/0000 2-10022/0180	08/27/76	100	8128	49.6	124.8	GGGG			19	34
08140W 3730N	2727-15115	00000/0000 2-10026/0631	01/18/77	10	136	22.7	143.0	GGGG			19	34
08140W 3729N	2565-15174	00000/0000 2-10021/0794	08/09/76	90	7277	53.2	117.2	GGGG			19	34
08140W 3304N	2636-15110	00000/0000 2-10023/1054	10/19/76	40	8867	38.1	141.2	GGGG			18	37
08140W 3303N	2366-15183	00000/0000 2-10014/1049	01/23/76	0	5102	27.7	142.5	GGGG			18	37
08140W 3302N	2402-15174	00000/0000 2-10016/0538	02/28/76	0	5604	36.9	134.3	GGGG			18	37
08141W 4855N	2712-15262	00000/0000 2-10026/0192	01/03/77	90	9927	13.0	150.6	GGGG			22	26
08141W 4141N	2422-15260	00000/0000 2-10017/0214	03/19/76	40	5883	39.0	137.0	GGGG			20	31
08141W 4140N	2530-15231	00000/0000 2-10020/0543	07/05/76	10	7389	57.3	115.3	FGGG			20	31
08141W 3723N	2547-15181	00000/0000 2-10020/1086	07/22/76	80	7626	56.1	111.1	GGGG			19	34
08141W 3721N	2493-15194	00000/0000 2-10019/0324	05/29/76	40	6873	59.0	111.5	GGGG			19	34
08141W 3303N	2654-15102	00000/0000 2-10024/0397	11/06/76	0	9118	33.1	145.1	GGGG			18	37
08142W 4137N	2512-15234	00000/0000 2-10019/1162	06/17/76	50	7138	58.5	115.6	FGGG			20	31
08142W 3730N	2709-15123	00000/0000 2-10026/0172	12/31/76	40	9885	21.4	146.2	GGGG			19	34
08142W 3728N	2691-15132	00000/0000 2-10025/1230	12/13/76	20	9634	22.3	148.3	GGGG			19	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0494

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08142W 3722N	2529-15184	00000/0000	2-10020/0393	07/04/76	90	7375	58.1	107.7	GGGG			19	34
08143W 4853N	2730-15254	00000/0000	2-10026/0725	01/21/77	20	178	15.2	147.8	GGGG			22	26
08143W 4144N	2602-15210	00000/0000	2-10022/0922	09/15/76	70	8393	42.6	137.0	GGGG			20	31
08143W 4142N	2674-15183	00000/0000	2-10025/0638	11/26/76	90	9397	21.8	151.0	GGGG			20	31
08143W 3719N	2511-15191	00000/0000	2-10019/1104	06/16/76	90	7124	59.3	107.8	GGGG			19	34
08143W 2730N	2455-15120	00000/0000	2-10018/0061	04/21/76	50	6343	55.2	109.7	GGGG			17	41
08144W 4850N	2604-15302	00000/0000	2-10022/1101	09/17/76	10	8421	37.6	144.2	FFGG			22	26
08144W 4849N	2424-15352	00000/0000	2-10017/0293	03/21/76	70	5911	35.3	142.8	GGG			22	26
08144W 4845N	2550-15320	00000/0000	2-10021/0259	07/25/76	10	7668	52.0	129.5	GG G			22	26
08144W 4842N	2478-15335	00000/0000	2-10018/0862	05/14/76	90	6664	52.8	134.1	GGGG			22	26
08144W 4136N	2638-15195	00000/0000	2-10023/1223	10/21/76	90	8895	31.6	147.4	GGGG			20	31
08144W 4133N	2404-15264	00000/0000	00000/0000	03/01/76	90	5632	32.5	140.1	FF			20	31
08144W 2727N	2473-15113	00000/0000	2-10018/0842	05/09/76	50	6594	58.1	101.2	GGGG			17	41
08145W 4850N	2694-15270	00000/0000	2-10025/1369	12/16/76	50	9676	13.3	152.9	GGGG			22	26
08145W 4848N	2406-15360	00000/0000	2-10016/0693	03/03/76	100	5660	28.5	144.8	GGG			22	26
08145W 4844N	2496-15332	00000/0000	2-10019/0470	06/01/76	0	6915	55.5	130.4	FGGG			22	26
08145W 4841N	2514-15330	00000/0000	2-10019/1241	06/19/76	60	7166	56.1	127.7	FGGG			22	26
08145W 4138N	2656-15191	00000/0000	2-10025/0089	11/08/76	60	9146	26.2	150.1	GGGG			20	31
08145W 4137N	2620-15209	00000/0000	2-10023/0401	10/03/76	30	8644	37.2	142.9	FGGG			20	31
08145W 4135N	2386-15271	00000/0000	2-10015/0798	02/12/76	30	5381	26.6	143.2	GGGG			20	31
08145W 4134N	2368-15273	00000/0000	2-10015/0170	01/25/76	100	5130	22.1	146.4	GGGF			20	31
08145W 3723N	2673-15140	00000/0000	2-10025/0648	11/25/76	30	9383	25.3	148.9	GGGG			19	34
08145W 3722N	2655-15145	00000/0000	2-10025/0045	11/07/76	30	9132	29.7	147.7	GGGG			19	34
08145W 2733N	2581-15083	00000/0000	2-10021/1420	08/25/76	30	8100	53.0	110.3	GGGG			17	41
08145W 2728N	2437-15123	00000/0000	2-10017/0815	04/03/76	10	6092	50.7	117.6	GGGG			17	41
08146W 4842N	2532-15323	00000/0000	2-10020/0570	07/07/76	90	7417	54.8	127.3	GGGG			22	26
08146W 3724N	2619-15160	00000/0000	2-10023/0194	10/02/76	90	8630	40.3	139.2	GGGG			19	34
08146W 3721N	2403-15221	00000/0000	2-10016/0567	02/29/76	0	5618	34.7	137.3	GGGG			19	34
08146W 3721N	2637-15159	00000/0000	2-10023/1158	10/20/76	90	8881	34.9	144.4	GGGG			19	34
08146W 3250N	2384-15181	00000/0000	2-10015/0702	02/10/76	0	5353	31.7	138.4	GGGG			18	37
08146W 2728N	2553-15091	00000/0000	2-10021/0665	08/07/76	40	7849	55.0	101.1	GGGG			17	41
08146W 2723N	2527-15101	00000/0000	2-10020/0383	07/02/76	90	7347	57.9	89.9	GGGG			17	41
08146W 2722N	2491-15110	00000/0000	2-10019/0287	05/27/76	10	6845	59.3	93.9	GGGG			17	41
08147W 3718N	2367-15230	00000/0000	2-10015/0192	01/24/76	100	5116	25.0	144.4	GGGG			19	34
08147W 2724N	2545-15094	00000/0000	2-10020/1162	07/20/76	30	7598	56.6	93.9	GGGG			17	41

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0495

PRINCIPAL POINT 9F IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08147W	2720N	2509-15104	00000/0000	2-10019/0937	06/14/76	40	7096	59.0	89.8	FGGG	17	41
08148W	2724N	2599-15081	00000/0000	2-10022/0797	09/12/76	90	8351	50.2	120.0	FGGG	17	41
08149W	4845N	2622-15295	00000/0000	2-10023/0484	10/05/76	80	8672	31.6	148.7	GGGG	22	26
08149W	3716N	2385-15224	00000/0000	2-10015/0837	02/11/76	90	5367	29.1	140.9	GGGF	19	34
08150W	2725N	2617-15073	00000/0000	2-10023/0234	09/30/76	80	8602	46.4	129.1	GGGG	17	41
08150W	2724N	2419-15131	00000/0000	2-10017/0079	03/16/76	80	5841	45.2	124.4	FGGG	17	41
08150W	2724N	2671-15053	00000/0000	2-10025/0635	11/23/76	10	9355	33.0	143.7	GGGG	17	41
08150W	2723N	2689-15045	00000/0000	2-10025/1159	12/11/76	40	9606	29.8	143.7	GG	17	41
08150W	2720N	2653-15062	00000/0000	2-10024/0421	11/05/76	60	9104	37.3	141.3	GG	17	41
08151W	4837N	2370-15365	00000/0000	2-10017/0223	01/27/76	10	5158	17.4	149.5	GGGG	22	26
08151W	3707N	2601-15164	00000/0000	2-10022/0958	09/14/76	80	8379	45.5	132.0	GGGG	19	34
08151W	2718N	2365-15143	00000/0000	2-10015/0089	01/22/76	0	5088	31.4	139.6	GFFF	17	41
08153W	2721N	2401-15134	00000/0000	2-10016/0497	02/27/76	20	5590	39.6	130.1	FGFG	17	41
08156W	2707N	2383-15141	00000/0000	2-10015/0689	02/09/76	0	5339	34.9	135.0	FGGG	17	41
08157W	4439N	2459-15295	00000/0000	2-10018/0205	04/25/76	100	6399	50.2	132.8	GGGG	21	29
08157W	3144N	2474-15160	00000/0000	2-10018/0925	05/10/76	20	6608	57.9	108.2	GGGG	18	38
08158W	3143N	2564-15133	00000/0000	2-10021/0743	08/08/76	50	7863	54.6	108.2	FGGG	18	38
08159W	4438N	2441-15372	00000/0000	2-10017/1101	04/07/76	10	6148	44.3	136.4	FGGG	21	29
08159W	3149N	2582-15130	00000/0000	2-10021/1433	08/26/76	70	8114	51.8	116.8	GGGG	18	38
08159W	3148N	2438-15170	00000/0000	2-10017/0955	04/03/76	10	6106	49.5	122.6	GGGG	18	38
08200W	4435N	2477-15232	2-10018/1436	2-10018/1030	05/13/76	30	6650	54.6	128.2	GGG GFFF	21	29
08200W	3141N	2528-15144	00000/0000	2-10020/0442	07/03/76	20	7361	58.4	97.5	GGGG	18	38
08200W	3140N	2492-15153	00000/0000	2-10019/0239	05/28/76	90	6859	59.5	101.3	GGGG	18	38
08200W	3139N	2546-15141	00000/0000	2-10020/1177	07/21/76	10	7612	56.7	101.2	GGGG	18	38
08201W	4440N	2711-15215	00000/0000	2-10026/0181	01/02/77	90	9913	16.2	148.9	GGGG	21	29
08201W	3146N	2708-15083	00000/0000	2-10026/0125	12/30/76	10	9871	25.4	143.7	GGGG	18	38
08201W	3143N	2420-15173	00000/0000	2-10017/0111	03/17/76	0	5855	43.6	128.4	GGGG	18	38
08201W	3138N	2510-15151	00000/0000	2-10019/1012	06/15/76	80	7110	59.4	97.3	GGGG	18	38
08202W	4440N	2585-15262	00000/0000	2-10022/0041	08/29/76	90	8156	45.8	134.0	GGGG	21	29
08202W	4436N	2567-15270	00000/0000	2-10021/0864	08/11/76	40	7905	50.3	127.9	GGGG	21	29
08202W	4430N	2495-15290	00000/0000	2-10019/0378	05/31/76	90	6901	57.2	123.6	GGGG	21	29
08202W	3146N	2726-15075	00000/0000	2-10026/0608	01/17/77	0	122	26.4	140.5	GGGG	18	38
08203W	4438N	2729-15211	00000/0000	2-10026/0700	01/20/77	80	164	18.1	146.0	GGGG	21	29
08203W	4437N	2603-15255	00000/0000	2-10022/1042	09/16/76	80	8407	40.6	140.1	GGGG	21	29
08203W	4436N	2633-15223	00000/0000	2-10025/1272	12/15/76	40	9662	16.7	151.2	GGGG	21	29

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0496

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08203w	4433N	2423-15310	00000/0000	2-10017/0228	03/20/76	80	5897	37.7	139.3				29
08203w	4432N	2531-15280	00000/0000	2-10020/0557	07/06/76	10	7403	56.4	120.3				29
08203w	4430N	2549-15273	00000/0000	2-10021/0107	07/24/76	30	7654	53.9	122.9				29
08203w	3145N	2690-15091	00000/0000	2-10025/1216	12/12/76	100	9620	26.6	145.8				38
08203w	3141N	2600-15123	00000/0000	2-10022/0944	09/13/76	100	8365	48.3	125.6				38
08204w	4026N	2458-15252	00000/0000	2-10018/0179	04/24/76	10	6385	51.9	127.4				32
08205w	4431N	2405-15313	00000/0000	2-10016/0661	03/02/76	100	5647	30.9	142.0	GGG	FGFG		29
08205w	4019N	2476-15245	00000/0000	2-10018/0970	05/12/76	10	6636	56.1	121.9				32
08205w	3606N	2457-15205	00000/0000	2-10018/0153	04/23/76	10	6371	53.4	121.7				35
08205w	3604N	2475-15203	00000/0000	2-10018/0901	05/11/76	90	6622	57.2	115.2				35
08205w	3141N	2618-15120	00000/0000	2-10023/0274	10/01/76	10	8616	44.0	133.7				38
08205w	3138N	2636-15112	00000/0000	2-10023/1055	10/19/76	80	8867	39.1	140.1				38
08205w	3136N	2402-15181	00000/0000	2-10016/0539	02/28/76	0	5604	37.6	133.2				38
08206w	4425N	2513-15283	2-10019/1512	2-10019/1189	06/18/76	10	7152	57.7	120.5	GGG	FFGG		29
08206w	3606N	2439-15213	00000/0000	2-10017/0825	04/05/76	0	6120	48.0	127.4				35
08206w	3138N	2366-15190	00000/0000	2-10014/1050	01/23/76	0	5102	28.7	141.7				38
08206w	3137N	2654-15104	00000/0000	2-10024/0398	11/06/76	10	9118	34.1	144.2				38
08206w	2604N	2455-15122	00000/0000	2-10018/0062	04/21/76	30	6343	55.4	107.5				42
08207w	4430N	2675-15232	00000/0000	2-10025/0691	11/27/76	80	9411	19.4	152.2				29
08207w	4429N	2621-15252	00000/0000	2-10023/0329	10/04/76	20	8658	35.0	145.4				29
08207w	4024N	2440-15255	00000/0000	2-10017/0937	04/06/76	20	6134	46.2	132.0				32
08207w	3604N	2727-15122	00000/0000	2-10026/0632	01/18/77	30	136	23.7	142.4				35
08207w	2601N	2473-15120	00000/0000	2-10018/0843	05/09/76	20	6594	58.1	98.7				42
08208w	4428N	2657-15240	00000/0000	2-10025/0129	11/09/76	100	9160	23.8	151.7				29
08208w	4427N	2639-15245	00000/0000	2-10023/1205	10/22/76	50	8509	29.2	149.4				29
08208w	4426N	2369-15322	00000/0000	2-10015/0120	01/26/76	100	5144	20.3	147.6				29
08208w	3605N	2583-15173	00000/0000	2-10022/0181	08/27/76	80	8128	50.2	122.9				35
08208w	3603N	2565-15180	00000/0000	2-10021/0795	08/09/76	50	7877	53.6	115.1				35
08208w	3558N	2547-15183	00000/0000	2-10020/1087	07/22/76	40	7626	56.3	108.7				35
08208w	3556N	2493-15200	00000/0000	2-10019/0325	05/29/76	80	6873	59.2	108.9				35
08208w	2602N	2437-15130	00000/0000	2-10018/0816	04/03/76	20	6092	51.1	115.8				42
08209w	4424N	2387-15320	00000/0000	2-10015/0754	02/13/76	30	5395	24.9	144.7				29
08209w	4024N	2584-15220	00000/0000	2-10022/0225	08/28/76	80	8142	48.2	128.7				32
08209w	4021N	2566-15223	00000/0000	2-10021/0808	08/10/76	20	7891	52.1	121.7				32
08209w	4014N	2494-15243	00000/0000	2-10019/0366	05/30/76	40	6887	58.4	116.5				32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0497

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN ORBIT NUMBER	SUN ELEV.	SUN AZIM	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUN ORBIT PATH NUM.	FRAME ROW NUM.
08209N 3602N	2691-15134	00000/0000	2-10025/1231	12/13/76	40	9634	23.4	147.7	GGGG			19	35
08209N 3557N	2529-15190	00000/0000	2-10020/0394	07/04/76	100	7375	58.3	105.1	GGGG			19	35
08209N 2606N	2531-15070	00000/0000	2-10021/1421	08/25/76	30	8100	53.2	108.3	GGGG			17	42
08209N 2602N	2563-15093	00000/0000	2-10021/0666	08/07/76	30	7849	55.0	98.9	GGGG			17	42
08209N 2556N	2491-15113	00000/0000	2-10019/0288	05/27/76	10	6845	59.1	91.3	GGGG			17	42
08210N 4022N	2728-15164	00000/0000	2-10026/0617	01/19/77	80	150	20.9	144.2	GGGG			20	32
08210N 4021N	2692-15131	00000/0000	2-10025/1244	12/14/76	10	9648	20.0	149.5	GGGG			20	32
08210N 4015N	2530-15233	00000/0000	2-10020/0544	07/05/76	20	7389	57.6	112.9	GGGG			20	32
08210N 4015N	2548-15230	00000/0000	2-10021/0094	07/23/76	40	7640	55.3	116.0	GGGG			20	32
08210N 3604N	2709-15130	00000/0000	2-10026/0173	12/31/76	30	9885	22.4	145.5	GGGG			19	35
08210N 3553N	2511-15193	00000/0000	2-10019/1105	06/16/76	90	7124	59.4	105.1	GGGG			19	35
08210N 2558N	2545-15100	00000/0000	2-10020/1163	07/20/76	80	7598	56.4	91.6	GGGG			17	42
08210N 2556N	2527-15103	00000/0000	2-10020/0384	07/02/76	80	7347	57.7	87.5	GGGG			17	42
08210N 2554N	2509-15110	00000/0000	2-10019/0938	06/14/76	10	7096	58.7	87.3	GGGG			17	42
08211N 4016N	2422-15263	00000/0000	2-10017/0215	03/19/76	60	5883	39.8	135.8	GGGG			20	32
08211N 3124N	2334-15124	00000/0000	2-10015/0703	02/10/76	0	5353	32.6	137.5	GGGG			18	38
08212N 4742N	2568-15314	00000/0000	2-10027/0001	08/12/76	90	7919	48.6	132.3	GGGG			22	27
08212N 4011N	2512-15240	00000/0000	2-10019/1163	06/17/76	70	7138	58.8	113.0	GGGG			20	32
08212N 3557N	2655-15151	00000/0000	2-10025/0046	11/07/76	20	9132	30.7	148.9	GGGG			19	35
08212N 2558N	2599-15043	00000/0000	2-10022/0798	09/12/76	100	8351	50.7	118.2	GGGG			17	42
08213N 4016N	2674-15185	00000/0000	2-10025/0639	11/26/76	90	9397	22.9	150.3	GGGG			20	32
08213N 3557N	2673-15143	00000/0000	2-10025/0649	11/25/76	20	9383	26.4	148.2	FFFF			19	35
08213N 3555N	2403-15224	00000/0000	2-10016/0568	02/29/76	0	5618	35.5	136.2	GGGG			19	35
08213N 3555N	2637-15155	00000/0000	2-10023/1159	10/20/76	100	8881	35.9	143.4	GGGG			19	35
08213N 2558N	2419-15133	00000/0000	2-10017/0080	03/16/76	50	5841	45.8	122.9	GGGG			17	42
08213N 2558N	2671-15060	00000/0000	2-10025/0636	11/23/76	30	9355	34.0	142.9	GGGG			17	42
08213N 2557N	2689-15051	00000/0000	2-10025/1158	12/11/76	30	9606	30.8	143.0	GGGG			17	42
08213N 2555N	2653-15064	00000/0000	2-10024/0419	11/05/76	70	9104	38.3	140.3	GGGG			17	42
08214N 4018N	2602-15213	00000/0000	2-10027/0923	09/15/76	70	8393	43.5	135.7	GGGG			20	32
08214N 4013N	2656-15134	00000/0000	2-10025/0090	11/08/76	50	9146	27.3	149.4	GGGG			20	32
08214N 4007N	2404-15270	00000/0000	2-10016/0611	03/01/76	50	5632	33.3	139.1	GGG			20	32
08214N 3558N	2619-15163	00000/0000	2-10023/0195	10/02/76	70	8630	41.2	138.0	GGGG			19	35
08214N 3552N	2367-15233	00000/0000	2-10015/0193	01/24/76	90	5116	26.0	143.7	GGGG			19	35
08214N 2559N	2617-15080	00000/0000	2-10023/0235	09/30/76	40	8602	47.1	127.6	GGGG			17	42
08215N 4731N	2450-15344	00000/0000	2-10014/0234	04/26/76	90	6413	49.0	136.2	GGGG			22	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0498

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN RLL MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08215W	4011N	2620-15210	00000/0000	2-10023/0402	10/03/76	30	8644	38.2	141.8	GGGG				20	32
08215W	4011N	2638-15202	00000/0000	2-10023/1224	10/21/76	70	8895	32.6	146.5	GGGG				20	32
08215W	4010N	2386-15273	00000/0000	2-10015/0799	02/12/76	30	5381	27.5	142.4	GGGG				20	32
08215W	4009N	2368-15275	00000/0000	2-10015/0171	01/25/76	100	5130	23.2	145.7	GGGG				20	32
08215W	2553N	2365-15145	00000/0000	2-10015/0090	01/22/76	0	5088	32.3	138.7	FFFF				17	42
08216W	4730N	2442-15351	00000/0000	2-10017/1128	04/08/76	40	6162	43.0	139.2	GGGG				22	27
08216W	3550N	2385-15230	00000/0000	2-10015/0838	02/11/76	90	5367	30.0	140.1	GGGG				19	35
08216W	2555N	2401-15141	00000/0000	2-10016/0498	02/27/76	90	5590	40.3	128.9	GGGG				17	42
08217W	4731N	2586-15312	00000/0000	2-10022/0265	08/30/76	20	8170	43.9	137.5	GGGG				22	27
08218W	4730N	2712-15264	00000/0000	2-10026/0193	01/03/77	70	9927	14.1	150.0	GGGG				22	27
08218W	3541N	2601-15171	00000/0000	2-10022/0959	09/14/76	100	8379	46.2	130.5	GGGG				19	35
08218W	2548N	2635-15072	00000/0000	2-10023/1025	10/18/76	30	8853	42.9	135.1	GGGG				17	42
08219W	2541N	2383-15144	00000/0000	2-10015/0690	02/09/76	40	5339	35.7	134.0	GGGG				17	42
08220W	4721N	2550-15322	00000/0000	2-10021/0260	07/25/76	10	7668	52.6	127.4	GGGG				22	27
08221W	4728N	2730-15260	00000/0000	2-10026/0726	01/21/77	10	178	16.2	147.1	GGGG				22	27
08221W	4725N	2604-15305	00000/0000	2-10022/1102	09/17/76	50	8421	38.5	142.9	GGGG				22	27
08221W	4724N	2424-15355	00000/0000	2-10017/0294	03/21/76	90	5911	36.3	141.6	GGG				22	27
08221W	4723N	2406-15362	00000/0000	2-10016/0694	03/03/76	100	5660	29.4	143.8	FGGG				22	27
08221W	4717N	2478-15342	00000/0000	2-10018/0863	05/14/76	90	6664	53.6	132.1	GGGG				22	27
08222W	4726N	2694-15273	00000/0000	2-10025/1370	12/16/76	90	9676	14.4	152.3	GGGG				22	27
08222W	4720N	2496-15335	00000/0000	2-10019/0471	06/01/76	0	6915	56.1	128.1	FGGG				22	27
08222W	4718N	2532-15325	00000/0000	2-10020/0571	07/07/76	100	7417	55.3	125.0	GGGG				22	27
08222W	4717N	2514-15332	00000/0000	2-10019/1242	06/19/76	40	7166	56.6	125.3	GGGG				22	27
08222W	3019N	2474-15162	00000/0000	2-10018/0926	05/10/76	40	6608	58.1	105.7	GGGG				18	39
08223W	4723N	2676-15281	00000/0000	2-10025/0704	11/28/76	40	9425	16.9	153.5	GGGG				22	27
08223W	3023N	2582-15133	00000/0000	2-10021/1434	08/26/76	40	8114	52.2	114.9	GGGG				18	39
08224W	3022N	2438-15172	00000/0000	2-10017/0956	04/04/76	10	6106	50.0	120.9	GGGG				18	39
08225W	4718N	2640-15294	00000/0000	2-10023/1295	10/23/76	50	8923	26.7	151.2	GGGG				22	27
08225W	3015N	2528-15150	00000/0000	2-10020/0443	07/03/76	60	7361	58.3	94.9	GGGG				18	39
08225W	3014N	2492-15160	00000/0000	2-10019/0240	05/28/76	90	6859	59.5	98.7	GGGG				18	39
08225W	3014N	2546-15143	00000/0000	2-10020/1178	07/21/76	10	7612	56.7	98.9	GGGG				18	39
08225W	3012N	2510-15153	00000/0000	2-10019/1013	06/15/76	70	7110	59.3	94.7	FGGG				18	39
08226W	4720N	2622-15301	00000/0000	2-10023/0485	10/05/76	80	8672	32.6	147.7	GGGG				22	27
08226W	3020N	2708-15090	00000/0000	2-10026/0126	12/30/76	20	9871	26.4	143.1	GGGG				18	39
08226W	3020N	2726-15031	00000/0000	2-10026/0609	01/17/77	30	122	27.3	139.7	GGGG				18	39

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0499

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN RLL MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
08226	3017N	2420-15130	00000/0000	2-10017/0112	03/17/76	0	5855	44.2	126.9	GGGG		18	39
08227	3019N	2690-15034	00000/0000	2-10025/1217	12/12/76	90	9620	27.7	145.1	GGGG		18	39
08228	4712N	2370-15372	00000/0000	2-10015/0224	01/27/76	40	5158	18.5	148.8	GGGG		22	27
08228	3015N	2600-15130	00000/0000	2-10022/0945	09/13/76	90	8345	48.9	123.9	GGGG		18	39
08229	4314N	2459-15301	00000/0000	2-10018/0206	04/25/76	100	6399	50.9	130.9	GGGG		21	30
08229	3015N	2618-15123	00000/0000	2-10023/0275	10/01/76	10	8616	44.7	132.4	GGG		18	39
08229	2438N	2455-15125	00000/0000	2-10018/0063	04/21/76	30	6343	55.6	105.3	GFGG		17	43
08230	3013N	2636-15115	00000/0000	2-10023/1056	10/19/76	30	8867	40.0	139.0	GGGF		18	39
08230	3012N	2366-15132	00000/0000	2-10014/1051	01/23/76	0	5102	29.6	140.9	GGGG		18	39
08230	3012N	2654-15111	00000/0000	2-10024/0399	11/06/76	20	9118	35.1	143.3	GFGF		18	39
08230	3011N	2402-15132	00000/0000	2-10016/0540	02/28/76	0	5604	38.4	132.1	FGGG		18	39
08230	2435N	2473-15122	00000/0000	2-10018/0844	05/09/76	20	6594	58.1	96.3	GGGG		17	43
08231	4313N	2441-15305	00000/0000	2-10017/1102	04/07/76	10	6148	45.1	134.9	FGGG		21	30
08231	2439N	2531-15092	00000/0000	2-10021/1422	08/25/76	20	8100	53.4	106.2	GGGG		17	43
08231	2436N	2437-15132	00000/0000	2-10017/0817	04/03/76	10	6092	51.4	113.9	GGGG		17	43
08231	2430N	2491-15115	00000/0000	2-10019/0289	05/27/76	10	6845	58.8	88.8	GGGG		17	43
08232	4310N	2477-15295	2-10018/1437	2-10018/1026	05/13/76	20	6650	55.3	126.0	GGG F GF		21	30
08232	3440N	2457-15212	00000/0000	2-10018/0154	04/23/76	0	6371	53.9	119.6	GGGG		19	36
08232	3438N	2475-15205	00000/0000	2-10018/0902	05/11/76	80	6622	57.6	112.8	GGGG		19	36
08232	2435N	2563-15100	00000/0000	2-10021/0667	08/07/76	30	7849	55.0	96.7	GGGG		17	43
08232	2429N	2527-15110	00000/0000	2-10020/0385	07/02/76	80	7347	57.3	85.1	GLGG		17	43
08233	4314N	2711-15221	00000/0000	2-10026/0182	01/02/77	90	9913	17.2	148.3	GGGG		21	30
08233	3900N	2458-15255	00000/0000	2-10018/0180	04/24/76	10	6385	52.5	125.4	GGGG		20	33
08233	3441N	2439-15215	00000/0000	2-10017/0826	04/05/76	0	6120	48.6	125.8	GGGG		19	36
08233	2431N	2545-15103	00000/0000	2-10020/1164	07/20/76	30	7598	56.2	89.3	GGGG		17	43
08233	2429N	2509-15113	00000/0000	2-10019/0939	06/14/76	20	7096	58.3	84.9	GGGG		17	43
08234	4313N	2585-15265	00000/0000	2-10022/0042	08/29/76	60	8156	46.5	132.4	GGGG		21	30
08234	4305N	2435-15242	00000/0000	2-10019/0379	05/31/76	90	6901	57.6	121.2	GGGG		21	30
08234	3854N	2476-15252	00000/0000	2-10018/0971	05/12/76	10	6636	56.6	119.5	GGGG		20	33
08234	3438N	2727-15124	00000/0000	2-10026/0633	01/18/77	10	136	24.6	141.7	GGGG		19	36
08234	3437N	2565-15183	00000/0000	2-10021/0796	08/09/76	60	7877	53.9	113.0	GGGG		19	36
08234	3430N	2493-15203	00000/0000	2-10019/0326	05/25/76	80	6873	59.4	106.3	GFGG		19	36
08235	4311N	2623-15230	00000/0000	2-10025/1273	12/15/76	10	9662	17.8	150.6	GFGG		21	30
08235	4310N	2567-15272	00000/0000	2-10021/0865	08/11/76	10	7905	50.9	126.0	GFGG		21	30
08235	4308N	2423-15312	00000/0000	2-10017/0229	03/20/76	90	5897	38.5	138.1	FFGG		21	30

KEYS: CLUD COVER % ..... 0 TO 100 % CLUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0500

PRINCIPAL POINT OF IMAGE LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08235W	4307N	2531-15282	00000/0000	2-10020/0558	07/06/76	10	7403	56.8	117.9	GGGG			21	30
08235W	4305N	2549-15275	00000/0000	2-10021/0108	07/24/76	20	7654	54.4	120.7	GGG			21	30
08235W	3439N	2543-15175	00000/0000	2-10022/0182	08/27/76	80	8128	50.7	121.1	GGGG			19	36
08235W	3433N	2547-15190	00000/0000	2-10020/0088	07/22/76	10	7626	56.5	106.3	GGGG			19	36
08235W	3432N	2529-15193	00000/0000	2-10020/0395	07/04/76	90	7375	58.3	102.6	GGGG			19	36
08235W	2959N	2384-15190	00000/0000	2-10015/0704	02/10/76	0	5353	33.4	136.6	FFFF			18	39
08235W	2431N	2599-15090	00000/0000	2-10022/0799	09/12/76	70	8351	51.1	116.4	FGGG			17	43
08236W	4312N	2729-15213	00000/0000	2-10026/0701	01/20/77	40	164	19.1	145.3	GGGG			21	30
08236W	4311N	2603-15262	00000/0000	2-10022/1043	09/16/76	100	8407	41.5	138.3	GGGG			21	30
08236W	3859N	2440-15262	00000/0000	2-10017/0938	04/06/76	10	6134	47.0	130.5	GGG			20	33
08236W	3436N	2691-15141	00000/0000	2-10025/1232	12/13/76	80	9634	24.4	147.0	GGGG			19	36
08236W	3428N	2511-15200	00000/0000	2-10019/1106	06/16/76	80	7124	59.5	102.5	GGGG			19	36
08236W	2432N	2671-15062	00000/0000	2-10025/0637	11/23/76	70	9355	35.0	142.0	GGGG			17	43
08236W	2431N	2419-15140	00000/0000	2-10017/0081	03/16/76	30	5841	46.3	121.4	FFFF			17	43
08237W	4306N	2405-15315	00000/0000	2-10016/0662	03/02/76	100	5647	31.8	141.0	GGG	FFFF		21	30
08237W	4300N	2513-15285	00000/0000	2-10019/1190	06/18/76	10	7152	58.1	118.0	GGGG			21	30
08237W	3858N	2554-15222	00000/0000	2-10022/0226	08/28/76	70	8142	48.8	127.0	GGGG			20	33
08237W	3438N	2709-15132	00000/0000	2-10026/0174	12/31/76	10	9885	23.4	144.9	GGGG			19	36
08237W	2433N	2617-15082	00000/0000	2-10023/0236	09/30/76	30	8602	47.8	126.1	GGGG			17	43
08237W	2428N	2653-15071	00000/0000	2-10024/0420	11/05/76	30	9104	39.2	139.3	GGGG		H	17	43
08238W	3849N	2494-15245	00000/0000	2-10019/0387	05/30/76	60	6887	58.7	113.9	GGGG			20	33
08238W	3432N	2655-15154	00000/0000	2-10025/0047	11/07/76	10	9132	31.8	146.1	GGGG			19	36
08238W	2427N	2365-15152	00000/0000	2-10015/0091	01/22/76	20	5088	33.2	137.9	FFFF			17	43
08239W	4305N	2675-15235	00000/0000	2-10025/0692	11/27/76	90	9411	20.5	151.6	GGGG			21	30
08239W	4304N	2621-15255	00000/0000	2-10023/0330	10/04/76	20	8658	35.9	144.3	FGGG			21	30
08239W	4256N	2513-15290	2-10020/1271	00000/0000	06/18/76	10	7152	58.1	117.8	GGG			21	30
08239W	3856N	2566-15225	00000/0000	2-10021/0809	08/10/76	10	7891	52.6	119.7	GGGG			20	33
08239W	3856N	2692-15183	00000/0000	2-10025/1245	12/14/76	0	9648	21.1	148.9	GGGG			20	33
08239W	3856N	2728-15171	00000/0000	2-10026/0618	01/19/77	80	150	21.9	143.5	GGG			20	33
08239W	3850N	2548-15233	00000/0000	2-10021/0095	07/23/76	30	7640	55.7	113.7	GGGG			20	33
08239W	3849N	2530-15240	00000/0000	2-10020/0545	07/05/76	20	7389	57.8	110.3	GGGG			20	33
08239W	3432N	2673-15145	00000/0000	2-10025/0650	11/25/76	0	9383	27.4	147.5	FFFF			19	36
08239W	2428N	2401-15143	00000/0000	2-10016/0499	02/27/76	80	5590	41.0	127.7	GGGG			17	43
08240W	4302N	2639-15251	00000/0000	2-10023/1206	10/22/76	20	8909	30.2	148.5	GGGG			21	30
08240W	4301N	2369-15325	00000/0000	2-10015/0121	01/26/76	90	5144	21.3	146.9	FGGG			21	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER,  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0501

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL		MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT		POSITION RBV	IN RLL MSS						RBV	MSS				
08240W	3850N	2422-15265	00000/0000	2-10017/0216	03/19/76	90	5883	40.6	134.5	GGGG				20	33
08240W	3432N	2619-15165	00000/0000	2-10023/0196	10/02/76	10	8630	42.0	136.7	GGGG				19	36
08240W	3430N	2403-15230	00000/0000	2-10016/0569	02/29/76	0	5618	36.4	135.2	GGGG				19	36
08240W	3429N	2637-15162	00000/0000	2-10023/1160	10/20/76	90	8881	36.9	142.4	GGGG				19	36
08240W	2422N	2635-15075	00000/0000	2-10023/1026	10/18/76	10	8853	43.7	133.9	FFGG				17	43
08241W	4303N	2657-15243	00000/0000	2-10025/0130	11/09/76	90	9160	24.9	150.9	GGGG				21	30
08241W	4259N	2357-15322	00000/0000	2-10015/0755	02/13/76	40	5395	25.9	143.9	GGGG				21	30
08241W	3846N	2512-15243	00000/0000	2-10019/1164	06/17/76	60	7138	59.0	110.4	GGGG				20	33
08241W	3426N	2367-15235	00000/0000	2-10015/0194	01/24/76	100	5116	26.9	143.0	GGGG				19	36
08242W	2416N	2383-15150	00000/0000	2-10015/0691	02/09/76	60	5339	36.5	133.0	GGGG				17	43
08243W	3852N	2602-15215	00000/0000	2-10022/0924	09/15/76	80	8393	44.3	134.2	GGGG				20	33
08243W	3846N	2620-15212	00000/0000	2-10023/0403	10/03/76	40	8644	39.1	140.7	GGGG				20	33
08243W	3842N	2404-15273	00000/0000	2-10016/0612	03/01/76	50	5632	34.2	138.0	GGGG				20	33
08243W	3425N	2385-15233	00000/0000	2-10015/0839	02/11/76	60	5367	30.9	139.2	GGGG				19	36
08244W	3847N	2656-15200	00000/0000	2-10025/0091	11/08/76	50	9146	28.4	148.6	GGGG				20	33
08244W	3846N	2638-15204	00000/0000	2-10023/1225	10/21/76	60	8895	33.6	145.6	GGGG				20	33
08244W	3844N	2366-15230	00000/0000	2-10015/0800	02/12/76	10	5381	28.4	141.6	GGGG				20	33
08244W	3415N	2601-15173	00000/0000	2-10022/0960	09/14/76	100	8379	46.9	129.0	GGGG				19	36
08245W	3843N	2358-15232	00000/0000	2-10015/0172	01/25/76	100	5130	24.2	145.0	GGGG				20	33
08246W	2853N	2474-15165	00000/0000	2-10018/0927	05/10/76	30	6608	58.2	103.2	GGGG				18	40
08247W	4618N	2568-15321	00000/0000	2-10022/0002	08/12/76	90	7919	49.3	130.5	GGGG				22	28
08247W	2856N	2582-15135	00000/0000	2-10021/1435	08/26/76	30	8114	52.5	112.9	GGGG				18	40
08247W	2852N	2564-15142	00000/0000	2-10021/0744	08/08/76	20	7863	54.9	103.7	GGGG				18	40
08248W	2856N	2438-15175	00000/0000	2-10017/0957	04/04/76	0	6106	50.5	119.1	GGGG				18	40
08249W	2850N	2528-15153	00000/0000	2-10020/0444	07/03/76	80	7361	58.1	92.5	GGGG				18	40
08249W	2848N	2492-15162	00000/0000	2-10019/0241	05/28/76	100	6859	59.4	96.1	GGGG				18	40
08249W	2848N	2546-15150	00000/0000	2-10020/1179	07/21/76	20	7612	56.7	96.5	GGGG				18	40
08250W	4606N	2460-15351	00000/0000	2-10018/0235	04/26/76	80	6413	49.7	134.4	GGGG				22	28
08250W	2854N	2708-15092	00000/0000	2-10026/0127	12/30/76	40	9871	27.4	142.4	GGGG				18	40
08250W	2851N	2420-15182	00000/0000	2-10017/0113	03/17/76	0	5855	44.9	125.5	GGGG				18	40
08250W	2846N	2510-15160	00000/0000	2-10019/1014	06/15/76	30	7110	59.2	92.2	GGGG				18	40
08251W	2854N	2726-15054	00000/0000	2-10026/0610	01/17/77	10	122	28.2	139.0	GGGG				18	40
08251W	2853N	2690-15100	00000/0000	2-10025/1221	12/12/76	70	3620	28.7	144.4	GG				18	40
08252W	4606N	2586-15314	00000/0000	2-10027/0266	08/30/76	10	8170	44.7	135.9	GGGG				22	28
08252W	4605N	2442-15354	00000/0000	2-10017/1129	04/08/76	20	6162	43.8	137.7	GGGG				22	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0502

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08252W	2849N	2600-1513P	00000/0000	2-1002P/0946	09/13/76	90	8365	49.5	122.2	GGGG		18	40
08253W	4604N	2712-15271	00000/0000	2-10026/0194	01/03/77	80	9927	15.2	149.4	GPGG		22	28
08253W	2849N	2672-15105	00000/0000	2-10025/0587	11/24/76	40	9369	31.8	144.5	GGGG		18	40
08254W	2848N	2618-15125	00000/0000	2-10023/0279	10/01/76	10	8616	45.5	131.0	GG	H	18	40
08254W	2847N	2636-15121	00000/0000	2-10023/1057	10/19/76	50	8867	40.9	137.9	GFGG		18	40
08254W	2846N	2366-15195	00000/0000	2-10014/1052	01/23/76	10	5102	30.6	140.2	GGGG		18	40
08254W	2846N	2654-15117	00000/0000	2-10024/0403	11/06/76	20	9118	36.1	142.4	GG		18	40
08254W	2845N	2402-15190	00000/0000	2-10016/0541	02/28/76	10	5604	39.2	130.9	FFGG		18	40
08255W	4557N	2550-15325	00000/0000	2-10021/0261	07/25/76	10	7668	53.2	125.3	GGGG		22	28
08256W	4602N	2730-15263	00000/0000	2-10026/0727	01/21/77	10	178	17.2	146.5	GGGG		22	28
08256W	4601N	2694-15275	00000/0000	2-10025/1371	12/16/76	90	9676	15.5	151.7	GGGG		22	28
08256W	4600N	2604-15311	00000/0000	2-10027/1103	09/17/76	20	8421	39.4	141.7	FGGG		22	28
08256W	4559N	2406-15365	00000/0000	2-10016/0695	03/03/76	100	5660	30.3	142.8	G G FGFG		22	28
08256W	4552N	2478-15344	2-10018/1449	2-10018/0864	05/14/76	40	6664	54.2	129.9	GGG		22	28
08256W	4552N	2514-15335	00000/0000	2-10019/1243	06/19/76	30	7166	57.2	122.9	GGGG		22	28
08257W	4559N	2424-15361	00000/0000	2-10017/0295	03/21/76	90	5911	37.1	140.4	GGGG		22	28
08257W	4555N	2496-15341	00000/0000	2-10019/0472	06/01/76	0	6915	56.7	125.8	GGGG		22	28
08257W	4553N	2532-1533P	00000/0000	2-10020/0572	07/07/76	90	7417	55.8	122.7	GGGG		22	28
08258W	3314N	2457-15214	00000/0000	2-10018/0155	04/23/76	0	6371	54.3	117.5	GGGF		19	37
08258W	3313N	2475-1521P	00000/0000	2-10018/0903	05/11/76	70	6622	57.8	110.3	GGGG		19	37
08259W	4558N	2676-15244	00000/0000	2-10025/0705	11/28/76	50	9425	18.1	152.9	GGGG		22	28
08259W	3315N	2439-1522P	00000/0000	2-10017/0827	04/05/76	0	6120	49.2	124.1	GGGG		19	37
08259W	2832N	2354-15193	00000/0000	2-10015/0705	02/10/76	0	5353	34.3	135.7	FFFF		18	40
08300W	4555N	2622-15304	00000/0000	2-10023/0486	10/05/76	60	8672	33.6	146.7	GGGG		22	28
08300W	3311N	2565-15185	00000/0000	2-10021/0797	08/09/76	80	7877	54.2	110.8	GGGG		19	37
08301W	4553N	2640-15300	00000/0000	2-10023/1296	10/23/76	30	8923	27.8	150.4	FFGG		22	28
08301W	4548N	2388-1537P	00000/0000	2-10015/0915	02/14/76	10	5409	24.3	145.3	FGGG		22	28
08301W	4149N	2459-15304	00000/0000	2-10018/0207	04/25/76	100	6399	51.6	129.0	GGGG		21	31
08301W	3312N	2583-1518P	00000/0000	2-1002P/0183	08/27/76	70	8128	51.2	119.2	GGGG		19	37
08301W	3312N	2727-15131	00000/0000	2-10026/0634	01/18/77	90	136	25.6	141.0	GGGG		19	37
08301W	3307N	2547-1519P	00000/0000	2-10020/1089	07/22/76	10	7626	56.6	104.0	GGGG		19	37
08301W	3306N	2529-15195	00000/0000	2-10020/0396	07/04/76	80	7375	58.4	100.0	GGGG		19	37
08301W	3305N	2493-15205	00000/0000	2-10019/0327	05/29/76	60	6873	59.5	103.6	GGGG		19	37
08302W	4552N	2658-1529P	00000/0000	2-10025/0162	11/10/76	50	9174	22.4	152.5	GGGG		22	28
08302W	4148N	2441-15311	00000/0000	2-10017/1103	04/07/76	10	6148	45.9	133.3	GGGG		21	31

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0503

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN ROL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08302N	3734N	2458-15261	00000/0000	2-10018/0181	04/24/76	30	6385	53.1	123.4	GGGG		20	34
08302N	3728N	2476-15254	00000/0000	2-10018/0972	05/12/76	10	6636	57.0	117.2	GGGG		20	34
08302N	3310N	2691-15143	00000/0000	2-10025/1233	12/13/76	80	9634	25.5	146.4	GGGG		19	37
08302N	3302N	2511-15202	00000/0000	2-10019/1107	06/16/76	70	7124	59.5	99.8	GGGG		19	37
08303N	4857N	2443-15403	00000/0000	2-10017/1142	04/09/76	20	6176	42.5	140.6	GGGG		23	26
08303N	4547N	2370-15374	00000/0000	2-10015/0225	01/27/76	30	5158	19.5	148.1	GGGG		22	28
08303N	4144N	2477-15301	2-10018/1438	2-10018/1031	05/13/76	10	6650	55.8	123.8	GGG	GGFG	21	31
08303N	3311N	2709-15135	00000/0000	2-10026/0175	12/31/76	40	9885	24.4	144.2	GGGG		19	37
08304N	4857N	2461-15400	00000/0000	2-10018/0297	04/27/76	80	6427	48.5	137.7	GGGG		23	26
08304N	4149N	2711-15224	00000/0000	2-10026/0133	01/02/77	80	9913	18.3	147.7	GGGG		21	31
08304N	3733N	2440-15264	00000/0000	2-10017/0939	04/06/76	10	6134	47.7	128.8	FGG		20	34
08304N	3306N	2655-15160	00000/0000	2-10025/0048	11/07/76	0	9132	32.8	145.3	GGGG		19	37
08305N	4148N	2525-15271	00000/0000	2-10022/0043	08/29/76	20	8156	47.2	130.7	GGGG		21	31
08305N	4140N	2495-15295	00000/0000	2-10019/0380	05/31/76	90	6901	58.1	118.7	GGGG		21	31
08305N	3732N	2534-15225	00000/0000	2-10022/0227	08/28/76	90	8142	49.4	125.2	GGGG		20	34
08306N	4145N	2567-15275	00000/0000	2-10021/0866	08/11/76	30	7905	51.4	124.0	GGGG		21	31
08306N	4145N	2493-15232	00000/0000	2-10025/1274	12/15/76	10	9662	18.9	150.0	GGGG		21	31
08306N	4143N	2423-15315	00000/0000	2-10017/0230	03/20/76	60	5897	39.3	136.8	GGFG		21	31
08306N	4142N	2531-15285	00000/0000	2-10020/0559	07/06/76	10	7403	57.2	115.5	GGGG		21	31
08306N	4139N	2549-15282	00000/0000	2-10021/0109	07/24/76	10	7654	54.8	118.5	FGGG		21	31
08306N	3723N	2494-15252	00000/0000	2-10019/0368	05/30/76	50	6887	59.0	111.3	GGGG		20	34
08306N	3306N	2619-15172	00000/0000	2-10023/0197	10/02/76	10	8630	42.9	135.5	GGGG		19	37
08306N	3305N	2433-15233	00000/0000	2-10018/0570	02/29/76	0	5618	37.2	134.1	GGGG		19	37
08306N	3304N	2637-15164	00000/0000	2-10023/1161	10/20/76	90	8881	37.8	141.4	GGGG		19	37
08306N	3300N	2367-15242	00000/0000	2-10015/0195	01/24/76	90	5116	27.9	142.2	GGGG		19	37
08307N	4850N	2479-15393	00000/0000	2-10018/1071	05/15/76	0	6678	53.0	134.1	GGGG		23	26
08307N	4147N	2729-15220	00000/0000	2-10026/0702	01/20/77	10	164	20.0	144.7	GGGG		21	31
08307N	4145N	2603-15264	00000/0000	2-10022/1044	09/16/76	100	8407	42.3	137.4	GGGG		21	31
08307N	3730N	2566-15232	00000/0000	2-10021/0810	08/10/76	20	7891	53.1	117.6	GGGG		20	34
08307N	3730N	2692-15130	00000/0000	2-10025/1246	12/14/76	0	9648	22.2	148.2	GGGG		20	34
08307N	3725N	2548-15235	00000/0000	2-10021/0096	07/23/76	20	7640	55.9	111.4	GGGG		20	34
08307N	3724N	2530-15242	00000/0000	2-10020/0546	07/05/76	30	7389	58.0	107.8	GGGG		20	34
08308N	4856N	2587-15363	00000/0000	2-10022/0280	08/31/76	80	8184	42.8	139.3	GGGG		23	26
08308N	4141N	2405-15322	00000/0000	2-10016/0663	03/02/76	90	5647	32.7	140.0	GGG	GPFF	21	31
08308N	3730N	2728-15173	00000/0000	2-10026/0619	01/19/77	80	150	22.8	142.8	GGG		20	34

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0504

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08309W	4854N	2713-15320	00000/0000	2-10026/0216	01/04/77	50	9941	13.1	150.5			23	26
08309W	4136N	2513-15292	2-10019/1513	2-10019/1191	06/18/76	10	7152	58.4	115.4	GGG	GGGG	21	31
08309W	3724N	2422-15272	00000/0000	2-10017/0217	03/19/76	70	5883	41.4	133.2		GGGG	20	34
08309W	3720N	2512-15245	00000/0000	2-10019/1165	06/17/76	60	7138	59.2	107.7		GGGG	20	34
08309W	3259N	2385-15235	00000/0000	2-10015/0840	02/11/76	80	5367	31.8	138.3		GGGG	19	37
08309W	2726N	2474-15171	00000/0000	2-10018/0928	05/10/76	50	6608	58.2	100.7		GGGG	18	41
08310W	4846N	2497-15391	00000/0000	2-10019/0098	06/02/76	0	6929	55.5	130.3		FGGF	23	26
08310W	4141N	2675-15241	00000/0000	2-10025/0693	11/27/76	80	9411	21.6	150.9		GGGG	21	31
08310W	4139N	2621-15261	00000/0000	2-10023/0331	10/04/76	10	8658	36.9	143.2		PGGG	21	31
08310W	3249N	2601-15180	00000/0000	2-10022/0961	09/14/76	90	8379	47.6	127.4		GGGG	19	37
08310W	2726N	2564-15145	00000/0000	2-10021/0745	08/08/76	30	7863	54.9	101.5		GGGG	18	41
08311W	4853N	2695-15324	00000/0000	2-10025/1313	12/17/76	40	9690	13.2	152.8		FGGG	23	26
08311W	4853N	2731-15312	00000/0000	2-10024/0712	01/22/77	0	192	15.4	147.7		GGGG	23	26
08311W	4851N	2605-15360	00000/0000	2-10022/1141	09/18/76	20	8435	37.2	144.5		GGGG	23	26
08311W	4850N	2425-15411	00000/0000	2-10017/0191	03/22/76	10	5925	35.7	142.7		GGGG	23	26
08311W	4847N	2551-15374	00000/0000	2-10021/0173	07/26/76	90	7682	51.8	129.7		GGGG	23	26
08311W	4137N	2657-15245	00000/0000	2-10025/0131	11/09/76	30	9160	26.0	150.2		GGGG	21	31
08311W	4136N	2639-15254	00000/0000	2-10023/1207	10/22/76	20	8909	31.3	147.6		GGGG	21	31
08311W	3726N	2602-15222	00000/0000	2-10022/0925	09/15/76	90	8393	45.0	132.8		GGGG	20	34
08311W	3721N	2620-15215	00000/0000	2-10023/0404	10/03/76	50	8644	40.0	139.5		GGGG	20	34
08311W	3717N	2404-15275	00000/0000	2-10016/0613	03/01/76	40	5632	35.1	137.0	GGG	GGGG	20	34
08311W	2730N	2582-15142	00000/0000	2-10021/1436	08/26/76	40	8114	52.8	110.8		GGGG	18	41
08312W	4845N	2533-15381	00000/0000	2-10020/0980	07/08/76	40	7431	54.6	127.4		GGGG	23	26
08312W	4135N	2369-15331	00000/0000	2-10015/0122	01/26/76	100	5144	22.3	146.2		GGGG	21	31
08312W	3722N	2656-15203	00000/0000	2-10025/0092	11/08/76	40	9146	29.4	147.8		GGGG	20	34
08312W	3719N	2386-15282	00000/0000	2-10015/0801	02/12/76	0	5381	29.4	140.7		GGGG	20	34
08312W	2730N	2438-15181	00000/0000	2-10017/0958	04/04/76	10	6196	50.9	117.2		GGGG	18	41
08312W	2724N	2528-15155	00000/0000	2-10020/0445	07/03/76	30	7361	57.9	90.0		GGGG	18	41
08312W	2722N	2492-15165	00000/0000	2-10019/0242	05/28/76	100	6859	59.3	93.5		GGGG	18	41
08312W	2722N	2546-15152	00000/0000	2-10020/1180	07/21/76	20	7612	56.5	94.1		GGGG	18	41
08313W	4134N	2387-15325	00000/0000	2-10015/0756	02/13/76	70	5395	26.9	143.0		GGGG	21	31
08313W	3720N	2638-15211	00000/0000	2-10023/1226	10/21/76	30	8895	34.6	144.6		GGGG	20	34
08313W	3718N	2368-15284	00000/0000	2-10015/0173	01/25/76	90	5130	25.2	144.3		FGFG	20	34
08314W	4847N	2677-15333	00000/0000	2-10025/0738	11/29/76	20	9439	15.6	154.1		GGGG	23	26
08314W	4840N	2515-15334	00000/0000	2-10019/1112	06/20/76	10	7180	56.0	127.6		FGGG	23	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANH SAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0505

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08314..	2725N	2420-15145	00000/0000	2-10017/0114	03/17/76	10	5855	45.5	124.0	GGGG		18	41
08314..	2720N	2510-15162	00000/0000	2-10019/1015	06/15/76	10	7110	58.9	89.6	GGGG		18	41
08315..	4842N	2623-15353	00000/0000	2-10023/0516	10/06/76	90	8686	31.3	148.9	GGGG		23	26
08315..	2727N	2690-15103	00000/0000	2-10025/1218	12/12/76	90	9620	29.7	143.7	GGGG	H	18	41
08316..	4836N	2389-15421	00000/0000	2-10015/0943	02/15/76	100	5423	22.6	146.8	GGGG		23	26
08316..	2723N	2600-15135	00000/0000	2-10022/0947	09/13/76	50	8365	50.0	120.5	GGGG		18	41
08316..	2723N	2672-15112	00000/0000	2-10025/0538	11/24/76	10	9369	32.8	143.7	GGGG		18	41
08317..	4838N	2371-15423	00000/0000	2-10015/0239	01/28/76	90	5172	17.7	149.4	GGGG		23	26
08317..	2722N	2618-15132	00000/0000	2-10023/0276	10/01/76	40	6616	46.2	129.5	GGGG	H	18	41
08317..	2720N	2654-15120	00000/0000	2-10024/0400	11/06/76	30	9118	37.1	141.5	GGGG	H	18	41
08318..	2721N	2636-15124	00000/0000	2-10023/1058	10/19/76	20	8867	41.8	136.7	GGGG		18	41
08318..	2719N	2366-15201	00000/0000	2-10014/1053	01/23/76	20	5102	31.5	139.3	GGGG		18	41
08318..	2719N	2402-15192	00000/0000	2-10016/0542	02/28/76	10	5604	39.9	129.8	GGGG	H	18	41
08321..	4452N	2568-15323	2-10022/1468	2-10022/0003	08/12/76	80	7919	49.9	128.6	FFF		22	29
08322..	4840N	2407-15414	00000/0000	2-10016/0765	03/04/76	10	5674	28.9	144.6	GGGG		23	26
08323..	3147N	2457-15221	00000/0000	2-10018/0156	04/23/76	0	6371	54.7	115.4	GGGG		19	38
08323..	3147N	2475-15214	00000/0000	2-10014/0904	05/11/76	70	6622	58.1	107.8	GGGG		19	38
08323..	2706N	2384-15195	00000/0000	2-10015/0706	02/10/76	10	5353	35.1	134.7	GGGG		18	41
08324..	4441N	2460-15353	00000/0000	2-10018/0236	04/26/76	70	6413	50.5	132.6	GGGG		22	29
08324..	3149N	2439-15224	00000/0000	2-10017/0828	04/05/76	0	6120	49.8	122.3	GGGG		19	38
08325..	4440N	2442-15360	00000/0000	2-10017/1130	04/08/76	30	6162	44.7	136.2	GGGG		22	29
08325..	3146N	2565-15192	00000/0000	2-10021/0798	08/09/76	40	7877	54.5	108.6	GGGG		19	38
08326..	4441N	2536-15321	00000/0000	2-10022/0267	08/30/76	20	8170	45.5	134.4	GGGG		22	29
08326..	3147N	2533-15184	00000/0000	2-10022/0184	08/27/76	50	8128	51.7	117.3	GGGG		19	38
08326..	3146N	2727-15133	00000/0000	2-10024/0635	01/18/77	80	136	26.5	140.2	GGGG		19	38
08326..	3141N	2529-15202	00000/0000	2-10020/0397	07/04/76	40	7375	58.3	97.5	GGGG		19	38
08326..	3141N	2547-15195	00000/0000	2-10020/1090	07/22/76	10	7626	56.6	101.6	GGGG		19	38
08326..	3140N	2493-15212	00000/0000	2-10019/0328	05/29/76	20	6873	59.5	101.0	GGGG		19	38
08327..	4439N	2712-15273	00000/0000	2-10026/0195	01/03/77	90	9927	16.2	148.8	GGGG		22	29
08327..	3144N	2631-15150	00000/0000	2-10025/1234	12/13/76	90	9634	26.5	145.7	GGGG		19	38
08327..	3136N	2511-15205	00000/0000	2-10019/1108	06/16/76	80	7124	59.4	97.2	GGGG		19	38
08328..	3146N	2709-15141	00000/0000	2-10026/0176	12/31/76	90	9885	25.4	143.6	GGGG		19	38
08329..	4810N	2641-15350	00000/0000	2-10023/1336	10/24/76	90	8937	25.7	151.9	GGGG		23	26
08329..	4435N	2604-15314	00000/0000	2-10022/1104	09/17/76	40	8421	40.3	140.4	GGGG		22	29
08329..	4435N	2694-15282	00000/0000	2-10025/1372	12/16/76	90	9676	16.6	151.1	GGGG		22	29

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0506

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.	
08329W	4431N	2550-15331	00000/0000	2-10021/0262	07/25/76	40	7668	53.7	123.2		GGGG		22	29
08329W	4429N	2496-15344	00000/0000	2-10019/0473	06/01/76	10	6915	57.2	123.4		FFGG		22	29
08329W	4427N	2478-15351	P-10018/1450	2-10018/0865	05/14/76	10	6664	54.9	127.8	GGG	GGGG		22	29
08329W	3140N	2655-15163	00000/0000	2-10025/0049	11/07/76	10	9132	33.8	144.4		GGGG		19	38
08330W	4437N	2730-15265	00000/0000	2-10026/0728	01/21/77	40	178	18.2	145.8		GGGG		22	29
08330W	4434N	2406-15371	00000/0000	2-10016/0696	03/03/76	90	5660	31.3	141.9	GGG	GGGG		22	29
08330W	4434N	2424-15354	00000/0000	2-10017/0296	03/21/76	80	5911	38.0	139.2		GGGG		22	29
08330W	4428N	2514-15341	00000/0000	2-10019/1244	06/19/76	30	7166	57.6	120.4		GGGG		22	29
08330W	4428N	2532-15334	00000/0000	2-10020/0573	07/07/76	90	7417	56.3	120.4		GGGF		22	29
08330W	3608N	2458-15264	00000/0000	2-10018/0182	04/24/76	40	6385	53.6	121.4		GGGG		20	35
08330W	3602N	2476-15261	00000/0000	2-10018/0973	05/12/76	10	6636	57.4	114.8		GGGG		20	35
08330W	3140N	2673-15154	00000/0000	2-10025/0651	11/25/76	20	9383	29.5	146.1		GGGG		19	38
08331W	4023N	2459-15310	00000/0000	2-10018/0208	04/25/76	90	6399	52.2	127.1		GGGG		21	32
08331W	3139N	2403-15235	00000/0000	2-10016/0571	02/29/76	10	5618	38.0	133.0		GGGG		19	38
08332W	4433N	2676-15290	00000/0000	2-10025/0706	11/28/76	40	9425	19.2	152.2		GGGG		22	29
08332W	4022N	2441-15314	00000/0000	2-10017/1104	04/07/76	10	6148	46.6	131.8		GGGG		21	32
08332W	3606N	2534-15231	00000/0000	2-10022/0228	08/28/76	90	8142	50.0	123.4		GGGG		20	35
08332W	3140N	2619-15174	00000/0000	2-10023/0198	10/02/76	0	8630	43.7	134.2		GGGG		19	38
08332W	3138N	2637-15171	00000/0000	2-10023/1162	10/20/76	90	8881	38.8	140.4		GGGG		19	38
08332W	3134N	2367-15244	00000/0000	2-10015/0196	01/24/76	50	5116	28.9	141.5		GGGG		19	38
08332W	2600N	2474-15174	00000/0000	2-10018/0929	05/10/76	10	6608	58.2	98.2		GGGG		18	42
08333W	4018N	2477-15304	P-10018/1439	2-10018/1032	05/13/76	10	6650	56.3	121.5	GGG	GGGG		21	32
08333W	4430N	2622-15310	00000/0000	2-10023/0487	10/05/76	50	8672	34.6	145.6		GGGG		22	29
08334W	4023N	2711-15230	00000/0000	2-10026/0184	01/02/77	20	9913	19.3	147.1		GGGG		21	32
08334W	3605N	2692-15192	00000/0000	2-10025/1247	12/14/76	0	9648	23.2	147.6		GGGG		20	35
08334W	3604N	2566-15234	00000/0000	2-10021/0811	08/10/76	10	7891	53.4	115.6		GGGG		20	35
08334W	3559N	2494-15254	00000/0000	2-10019/0363	05/30/76	50	6887	59.3	108.7		GGGG		20	35
08334W	3559N	2530-15245	00000/0000	2-10020/0547	07/05/76	50	7389	58.2	105.3		GGGG		20	35
08334W	2604N	2582-15144	00000/0000	2-10021/1437	06/26/76	50	8114	53.1	108.8		GGGG		18	42
08334W	2600N	2564-15151	00000/0000	2-10021/0746	08/08/76	30	7863	54.9	99.3		FFGG		18	42
08335W	4428N	2640-15303	00000/0000	2-10023/1297	10/23/76	10	8923	28.9	149.5		FFGG		22	29
08335W	4427N	2658-15295	00000/0000	2-10025/0163	11/10/76	90	9174	23.5	151.7		GGGG		22	29
08335W	4423N	2388-15374	00000/0000	2-10015/0916	02/14/76	10	5409	25.3	144.5		GGGG		22	29
08335W	4023N	2585-15274	00000/0000	2-10022/0044	08/29/76	30	8156	47.9	129.1		GGGG		21	32
08335W	4017N	2531-15291	00000/0000	2-10020/0560	07/06/76	10	7403	57.5	113.0		GGGG		21	32

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=RX GAIN, H=HIGH GAIN



01:29 APR 23, 1977

LANHSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0507

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08335N	4014N	2495-1531	00000/0000	2-10019/0381	05/31/76	90	6901	58.5	116.2	GGGG		21	32
08335N	3559N	2548-1524	00000/0000	2-10021/0097	07/23/76	30	7640	56.2	109.0	GGGG		20	35
08335N	3133N	2385-1524	00000/0000	2-10015/0841	02/11/76	30	5367	32.7	137.4	GGGG		19	38
08335N	2604N	2438-1518	00000/0000	2-10017/0959	04/04/76	10	6106	51.3	115.4	GGGG		18	42
08335N	2558N	2528-1516	00000/0000	2-10020/0446	07/03/76	60	7361	57.6	87.6	GGGG		18	42
08335N	2555N	2492-1517	00000/0000	2-10019/0243	05/28/76	90	6859	59.1	91.0	GGGG		18	42
08336N	4422N	2370-1538	00000/0000	2-10015/0226	01/27/76	10	5158	20.5	147.4	GGGG		22	29
08336N	4020N	2567-1528	00000/0000	2-10021/0867	08/11/76	10	7905	52.0	122.1	GGGG		21	32
08336N	4020N	2693-1523	00000/0000	2-10025/1275	12/15/76	10	9662	19.9	149.4	GGFG		21	32
08336N	4017N	2423-1532	00000/0000	2-10017/0231	03/20/76	70	5897	40.2	135.6	GGFG		21	32
08336N	4014N	2549-1528	00000/0000	2-10021/0110	07/24/76	40	7654	55.2	116.2	GGGG		21	32
08336N	3604N	2728-1518	00000/0000	2-10026/0620	01/19/77	60	150	23.8	142.2	GGGG		20	35
08336N	3559N	2422-1527	00000/0000	2-10017/0218	03/19/76	10	5883	42.1	131.9	GGGG		20	35
08336N	3554N	2512-1525	00000/0000	2-10019/1166	06/17/76	60	7138	59.3	105.1	GGGG		20	35
08336N	3123N	2601-1518	00000/0000	2-10022/0962	09/14/76	90	8379	48.2	125.8	GGGG		19	38
08336N	2556N	2546-1515	00000/0000	2-10020/1181	07/21/76	20	7612	56.4	91.8	GGGG		18	42
08337N	4020N	2603-1527	00000/0000	2-10022/1045	09/16/76	60	8407	43.2	136.0	GGGG		21	32
08337N	2558N	2420-1519	00000/0000	2-10017/0115	03/17/76	40	5855	46.1	122.5	GGGG		18	42
08337N	2554N	2510-1516	00000/0000	2-10019/1016	06/15/76	40	7110	58.6	87.1	GGGG		18	42
08338N	4021N	2729-1522	00000/0000	2-10024/0703	01/20/77	20	164	21.0	144.0	GGGG		21	32
08338N	3600N	2602-1522	00000/0000	2-10022/0926	09/15/76	90	8393	45.8	131.3	GGGG		20	35
08338N	3551N	2404-1523	00000/0000	2-10016/0614	03/01/76	40	5632	35.9	136.0	GGGG		20	35
08339N	4016N	2405-1532	00000/0000	2-10016/0664	03/02/76	80	5647	33.6	139.0	GGGG		21	32
08339N	4011N	2513-1529	00000/0000	2-10016/1192	06/18/76	30	7152	58.7	112.8	GGFG		21	32
08339N	3556N	2656-1520	00000/0000	2-10025/0093	11/08/76	0	9146	30.5	147.0	GGGG		0	35
08339N	3555N	2620-1521	00000/0000	2-10023/0405	10/03/76	30	8644	40.9	138.3	GGG		20	35
08339N	2600N	2690-1517	00000/0000	2-10025/1219	12/12/76	40	9620	30.7	142.9	GGGG	H	18	42
08339N	2556N	2600-1514	00000/0000	2-10022/0948	09/13/76	40	8365	50.5	118.7	GGGG		18	42
08340N	4732N	2443-1541	00000/0000	2-10017/1143	04/09/76	20	6176	43.3	139.1	GGGG		23	27
08340N	4015N	2675-1524	00000/0000	2-10025/0694	11/27/76	80	9411	22.7	150.3	GGGG		21	32
08340N	4013N	2621-1526	00000/0000	2-10023/0332	10/04/76	0	8658	37.9	142.1	GGGG		21	32
08340N	3554N	2386-1523	00000/0000	2-10015/0802	02/12/76	0	5381	30.3	139.9	GGGG		20	35
08340N	3553N	2358-1524	00000/0000	2-10015/0174	01/25/76	90	5130	26.1	143.5	GGFG		20	35
08340N	2554N	2654-1512	00000/0000	2-10024/0401	11/06/76	40	9118	38.0	140.5	GGGG	H	18	42
08341N	4731N	2461-1540	00000/0000	2-10018/0298	04/27/76	70	6427	49.3	136.0	GGGG		23	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FR84 01/22/76 TO 01/22/77

PAGE 0508

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
08341N	4011N	2639-15260	00000/0000	2-10023/1208	10/22/76	10	8909	32.3	146.7	GGGG		21	32
08341N	4011N	2657-15252	00000/0000	2-10025/0132	11/09/76	10	9160	27.0	149.5	GGGG		21	32
08341N	4006N	2513-15295	2-10020/1272	00000/0000	06/18/76	50	7152	58.8	112.7	GGG		21	32
08341N	3555N	2638-15213	00000/0000	2-10023/1227	10/21/76	20	8895	35.6	143.7	GGGG		20	35
08341N	2557N	2618-15134	00000/0000	2-10023/0277	10/01/76	30	8616	46.9	128.1	GGGG	H	18	42
08341N	2555N	2636-15130	00000/0000	2-10023/1059	10/19/76	30	8867	42.6	135.5	GGGG		18	42
08341N	2553N	2366-15204	00000/0000	2-10014/1054	01/23/76	10	5102	32.4	138.5	PGGG		18	42
08341N	2553N	2402-15195	00000/0000	2-10016/0543	02/28/76	10	5604	40.6	128.6	GGGG	H	18	42
08342N	4010N	2369-15334	00000/0000	2-10015/0123	01/26/76	100	5144	23.3	145.5	GGGG		21	32
08343N	4725N	2479-15400	00000/0000	2-10018/1072	05/15/76	10	6678	53.7	132.0	GGGG		23	27
08343N	4009N	2387-15331	00000/0000	2-10015/0757	02/13/76	90	5395	27.8	142.2	GGGG		21	32
08345N	4731N	2537-15370	00000/0000	2-10022/0281	08/31/76	80	8184	43.6	137.8	GGGF		23	27
08345N	4729N	2569-15373	00000/0000	2-10021/0964	08/13/76	90	7933	48.4	132.3	GGGG		23	27
08346N	4729N	2713-15322	00000/0000	2-10026/0217	01/04/77	60	9941	14.2	149.9	FGGG		23	27
08346N	4721N	2497-15393	00000/0000	2-10019/0099	06/02/76	10	6929	56.2	128.0	FGGG		23	27
08346N	2541N	2354-15202	00000/0000	2-10015/0707	02/10/76	20	5353	35.9	133.7	FFGG		18	42
08347N	4729N	2695-15331	00000/0000	2-10025/1314	12/17/76	80	9690	14.3	152.2	GGGG		23	27
08347N	4725N	2425-15413	00000/0000	2-10017/0192	03/22/76	10	5925	36.5	141.5	GGGG		23	27
08347N	4723N	2551-15380	00000/0000	2-10021/0174	07/26/76	90	7682	52.4	127.7	GGGG		23	27
08348N	4728N	2731-15314	00000/0000	2-10026/0713	01/22/77	0	192	16.4	147.0	GGGG		23	27
08348N	4726N	2605-15363	00000/0000	2-10022/1142	09/18/76	10	8435	38.2	143.2	FGGG		23	27
08348N	4719N	2533-15363	00000/0000	2-10020/0981	07/08/76	50	7431	55.2	125.2	GGGG		23	27
08348N	3021N	2457-15223	00000/0000	2-10018/0157	04/23/76	10	6371	55.1	113.2	GGGG		19	39
08348N	3020N	2475-15221	00000/0000	2-10018/0905	05/11/76	80	6622	58.2	105.3	GGGG		19	39
08349N	3023N	2439-15231	00000/0000	2-10017/0829	04/05/76	10	6120	50.3	120.5	GGGG		19	39
08349N	3020N	2565-15194	00000/0000	2-10021/0799	08/09/76	20	7877	54.6	106.4	GGGG		19	39
08350N	4722N	2677-15335	00000/0000	2-10025/0739	11/29/76	20	9439	16.8	153.5	GGGG		23	27
08350N	4715N	2515-15390	00000/0000	2-10019/1113	06/20/76	0	7180	56.6	125.2	GGGG		23	27
08351N	3021N	2583-15191	00000/0000	2-10022/0185	08/27/76	40	8128	52.1	115.3	GGGG		19	39
08351N	3020N	2727-15140	00000/0000	2-10026/0636	01/18/77	0	136	27.4	139.5	GGGG		19	39
08351N	3015N	2547-15201	00000/0000	2-10020/1091	07/22/76	10	7626	56.6	99.2	GGGG		19	39
08351N	3014N	2529-15204	00000/0000	2-10020/0398	07/04/76	30	7375	58.2	95.0	GGGG		19	39
08351N	3013N	2493-15214	00000/0000	2-10019/0329	05/29/76	20	6873	59.5	98.4	FGGG		19	39
08351N	3011N	2511-15211	00000/0000	2-10019/1109	06/16/76	70	7124	59.3	94.6	GGGG		19	39
08352N	4717N	2623-15360	00000/0000	2-10023/0517	10/06/76	90	8686	32.3	147.9	GGGG		23	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0509

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08352N	4712N	2389-15424	00000/0000	2-10015/0944	02/15/76	100	5423	23.6	146.0			23	27
08352N	3017N	2691-15152	00000/0000	2-10025/1235	12/13/76	90	9634	27.5	145.0			19	39
08353N	4713N	2371-15430	00000/0000	2-10015/0240	01/28/76	100	5172	18.7	148.6			23	27
08353N	3020N	2709-15144	00000/0000	2-10026/0177	12/31/76	70	9885	26.4	142.9			19	39
08354N	4327N	2568-15330	2-10022/1469	2-10022/0004	08/12/76	70	7919	50.5	126.7	FFF		22	30
08354N	3015N	2655-15155	00000/0000	2-10025/0050	11/07/76	10	9132	34.8	143.5			19	39
08354N	3016N	2673-15161	00000/0000	2-10025/0652	11/25/76	10	9383	30.5	145.3			19	39
08356N	3013N	2403-15242	00000/0000	2-10016/0572	02/29/76	10	5618	38.7	131.8			19	39
08356N	2434N	2474-15180	00000/0000	2-10018/0930	05/10/76	20	6608	58.1	95.7			18	43
08357N	4316N	2450-15360	00000/0000	2-10018/0237	04/26/76	90	6413	51.2	130.7			22	30
08357N	3442N	2458-15270	00000/0000	2-10018/0183	04/24/76	40	6385	54.1	119.3			20	36
08357N	3436N	2476-15263	00000/0000	2-10018/0974	05/12/76	10	6636	57.7	112.3			20	36
08357N	3014N	2619-15131	00000/0000	2-10023/0199	10/02/76	0	8630	44.5	132.8			19	39
08357N	3012N	2637-15173	00000/0000	2-10023/1163	10/20/76	80	8881	39.7	139.3			19	39
08357N	2438N	2582-15151	00000/0000	2-10021/1438	08/26/76	20	8114	53.3	106.7			18	43
08357N	2433N	2564-15154	00000/0000	2-10021/0747	08/08/76	40	7863	54.9	97.1			18	43
08357N	2432N	2528-15154	00000/0000	2-10020/0447	07/03/76	50	7361	57.3	85.3			18	43
08358N	4715N	2407-15421	00000/0000	2-10018/0766	03/04/76	20	5674	29.8	143.6			23	27
08358N	4314N	2442-15363	00000/0000	2-10017/1131	04/08/76	60	6162	45.4	134.7			22	30
08358N	3442N	2440-15273	00000/0000	2-10017/0940	04/06/76	40	6134	48.9	125.5			20	36
08358N	2437N	2438-15190	00000/0000	2-10017/0960	04/04/76	10	6106	51.7	113.4			18	43
08358N	2429N	2492-15174	00000/0000	2-10019/0244	05/28/76	10	6859	58.8	88.5			18	43
08359N	4315N	2586-15323	00000/0000	2-10022/0268	08/30/76	10	8170	46.2	132.8			22	30
08359N	3441N	2584-15234	00000/0000	2-10022/0229	08/28/76	80	8142	50.5	121.6			20	36
08359N	3008N	2385-15244	00000/0000	2-10015/0842	02/11/76	30	5367	33.6	136.5			19	39
08359N	2430N	2546-15161	00000/0000	2-10020/1182	07/21/76	20	7612	56.1	89.6			18	43
08400N	4314N	2712-15250	00000/0000	2-10024/0196	01/03/77	90	9927	17.3	148.2			22	30
08400N	3558N	2459-15313	00000/0000	2-10018/0209	04/25/76	70	6399	52.8	125.1			21	33
08400N	3438N	2566-15241	00000/0000	2-10021/0812	08/10/76	10	7891	53.8	113.4			20	36
08400N	3433N	2444-15261	00000/0000	2-10019/0370	05/30/76	40	6887	59.4	106.1			20	36
08400N	2957N	2601-15155	00000/0000	2-10022/0963	09/14/76	90	8379	48.8	124.1			19	39
08400N	2433N	2420-15194	00000/0000	2-10017/0116	03/17/76	70	5855	46.6	121.0			18	43
08400N	2427N	2510-15171	00000/0000	2-10019/1017	06/15/76	10	7110	58.3	84.7			18	43
08401N	4310N	2694-15284	00000/0000	2-10025/1373	12/16/76	90	9676	17.7	150.5			22	30
08401N	4306N	2550-15334	00000/0000	2-10021/0263	07/25/76	40	7668	54.2	121.0			22	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 23, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR LIS  
FROM 01/22/76 TO 01/22/77

PAGE 0510

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
08401N	4303N	2496-15350	00000/0000	2-10019/0474	06/01/76	40	6915	57.7	120.9	GGGG		22	30
08401N	4303N	2532-15341	00000/0000	2-10020/0574	07/07/76	40	7417	56.7	117.9	GGGF		22	30
08401N	4301N	2478-15353	00000/0000	2-10018/0866	05/14/76	70	6664	55.5	125.6	GGGG		22	30
08401N	3440N	2710-15190	00000/0000	2-10026/0128	01/01/77	0	9899	23.4	144.8	GGGG		20	36
08401N	3438N	2692-15195	00000/0000	2-10025/1248	12/14/76	10	9648	24.3	147.0	GGGG		20	36
08401N	3433N	2530-15251	00000/0000	2-10027/0548	07/05/76	90	7389	58.3	102.7	GGGG		20	36
08401N	3433N	2548-15244	00000/0000	2-10021/0098	07/23/76	20	7640	56.3	106.7	GGGG		20	36
08402N	4312N	2730-15272	00000/0000	2-10026/0729	01/21/77	10	178	19.2	145.1	GGGG		22	30
08402N	4309N	2604-15320	00000/0000	2-10022/1105	09/17/76	70	8421	41.2	139.1	GGGG		22	30
08402N	4308N	2406-15374	00000/0000	2-10014/0697	03/03/76	90	5660	32.2	140.9	GGG	GGFG	22	30
08402N	4303N	2514-15344	00000/0000	2-10019/1245	06/19/76	40	7166	58.0	117.9	GGGG		22	30
08402N	3857N	2441-15320	00000/0000	2-10017/1105	04/07/76	0	6148	47.3	130.2	GGGG		21	33
08402N	3853N	2477-15310	2-10018/1440	2-10018/1033	05/13/76	10	6650	56.8	119.2	GGG	GGGG	21	33
08402N	3433N	2422-15281	00000/0000	2-10017/0219	03/19/76	10	5883	42.9	130.5	GGGG		20	36
08402N	2434N	2630-15112	00000/0000	2-10025/1220	12/12/76	20	9620	31.7	142.2	GGGG		18	43
08402N	2429N	2600-15144	00000/0000	2-10022/0949	09/13/76	20	8365	51.0	116.9	GGGG		18	43
08402N	2427N	2654-15125	00000/0000	2-10024/0402	11/06/76	70	9118	39.0	139.5	GGGG		18	43
08403N	4308N	2424-15370	00000/0000	2-10017/0297	03/21/76	90	5911	38.9	137.9	GGGG		22	30
08403N	3858N	2711-15233	00000/0000	2-10026/0185	01/02/77	0	9913	20.3	146.5	GGGG		21	33
08403N	3438N	2728-15132	00000/0000	2-10026/0621	01/19/77	10	150	24.7	141.5	PFGG		20	36
08403N	3429N	2512-15254	00000/0000	2-10019/1167	06/17/76	70	7138	59.4	102.4	GGGG		20	36
08403N	2426N	2402-15201	00000/0000	2-10016/0544	02/28/76	60	5604	41.3	127.3	FGGG		18	43
08404N	4646N	2641-15353	00000/0000	2-10023/1337	10/24/76	70	8937	26.8	151.1	FGGG		23	27
08404N	3856N	2585-15230	00000/0000	2-10022/0045	08/29/76	40	8156	48.6	127.4	GGGG		21	33
08404N	3852N	2531-15294	00000/0000	2-10020/0561	07/06/76	80	7403	57.7	110.5	GGGG		21	33
08404N	3848N	2495-15304	00000/0000	2-10019/0382	05/31/76	70	6901	58.8	113.6	GGGG		21	33
08404N	3435N	2602-15231	00000/0000	2-10022/0927	09/15/76	80	8393	46.5	129.8	GGGF		20	36
08404N	2431N	2618-15141	00000/0000	2-10023/0278	10/01/76	80	8616	47.6	126.5	GGGG		18	43
08404N	2429N	2636-15133	00000/0000	2-10023/1060	10/19/76	30	8867	43.5	134.3	FGGG		18	43
08405N	4308N	2676-15293	00000/0000	2-10025/0707	11/28/76	40	9425	20.3	151.6	GGGG		22	30
08405N	3855N	2693-15241	00000/0000	2-10025/1276	12/15/76	10	9662	21.0	148.8	GGGG		21	33
08405N	3854N	2567-15284	00000/0000	2-10021/0868	08/11/76	10	7905	52.4	120.0	GGGG		21	33
08405N	3852N	2423-15324	00000/0000	2-10017/0232	03/20/76	60	5897	41.0	134.3	GGGG		21	33
08405N	3848N	2549-15291	00000/0000	2-10021/0111	07/24/76	10	7654	55.5	113.9	GGGG		21	33
08405N	3430N	2620-15224	00000/0000	2-10023/0406	10/03/76	10	8644	41.8	137.1	GGGG		20	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0511

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS						123 45678				
08405	3426N	2434-15284	00000/0000	2-10016/0615	03/01/76	60	5632	36.7	134.9	GGG	GGGG	20	36
08406	4305N	2622-15313	00000/0000	2-10023/0488	10/05/76	40	8672	35.6	144.6		GGGG	22	30
08406	3855N	2633-15273	00000/0000	2-10022/1046	09/16/76	20	8407	44.0	134.6		GGGG	21	33
08406	3431N	2656-15212	00000/0000	2-10025/0094	11/08/76	0	9146	31.5	146.2		GGGG	20	36
08406	3428N	2336-15291	00000/0000	2-10015/0803	02/12/76	0	5381	31.2	139.0		GGGG	20	36
08406	3427N	2368-15297	00000/0000	2-10015/0175	01/25/76	90	5130	27.1	142.8		GGFG	20	36
08407	4302N	2640-15335	00000/0000	2-10023/1298	10/23/76	60	8923	29.9	148.7		GGGG	22	30
08407	4301N	2658-15331	00000/0000	2-10025/0164	11/10/76	90	9174	24.6	151.0		GGGG	22	30
08407	4258N	2388-15341	00000/0000	2-10015/0917	02/14/76	0	5409	26.2	143.7		GGGG	22	30
08407	3855N	2729-15225	00000/0000	2-10026/0704	01/20/77	50	164	22.0	143.3		GGGG	21	33
08407	3850N	2435-15331	00000/0000	2-10016/0665	03/02/76	50	5647	34.5	138.0	GGG	GFFF	21	33
08408	4257N	2370-15347	00000/0000	2-10015/0227	01/27/76	10	5158	21.6	146.7		GGGG	22	30
08408	3845N	2513-15301	2-10019/1514	2-10019/1193	06/18/76	60	7152	59.0	110.2	GGG	GGGG	21	33
08408	3429N	2638-15220	00000/0000	2-10021/1228	10/21/76	10	8895	36.6	142.7		GGFG	20	36
08409	3350N	2675-15251	00000/0000	2-10025/0695	11/27/76	60	9411	23.8	149.6		GGGG	21	33
08409	3847N	2621-15270	00000/0000	2-10023/0333	10/04/76	10	8658	38.8	141.0		GGGG	21	33
08409	3846N	2639-15263	00000/0000	2-10023/1209	10/22/76	0	8909	33.3	145.8		GGGG	21	33
08409	3416N	2384-15234	00000/0000	2-10015/0708	02/10/76	40	5353	36.7	132.7		GFFG	18	43
08410	3846N	2657-15254	00000/0000	2-10025/0133	11/09/76	0	9160	28.1	148.7		GGGG	21	33
08411	3845N	2369-15340	00000/0000	2-10015/0124	01/26/76	100	5144	24.3	144.8		GGGG	21	33
08412	3844N	2387-15334	00000/0000	2-10015/0758	02/13/76	90	5395	28.7	141.4		GGFG	21	33
08412	2855N	2457-15230	00000/0000	2-10018/0158	04/23/76	10	6371	55.4	111.0		GGGG	19	40
08412	2854N	2475-15223	00000/0000	2-10018/0906	05/11/76	70	6622	58.3	102.8		GFGF	19	40
08413	2856N	2439-15233	00000/0000	2-10017/0830	04/05/76	30	6120	50.8	118.7		GGGG	19	40
08413	2854N	2565-15201	00000/0000	2-10021/0800	08/09/76	20	7877	54.8	104.2		GGFG	19	40
08414	2854N	2583-15193	00000/0000	2-10022/0186	08/27/76	30	8128	52.4	113.4		GGGG	19	40
08415	4607N	2443-15412	00000/0000	2-10017/1144	04/09/76	10	6176	44.2	137.6		GGGG	23	28
08415	2849N	2547-15234	00000/0000	2-10020/1092	07/22/76	50	7626	56.6	96.8		GGGG	19	40
08415	2848N	2493-15221	00000/0000	2-10019/0330	05/29/76	10	6873	59.4	95.8		GGGG	19	40
08415	2848N	2529-15211	00000/0000	2-10020/0399	07/04/76	20	7375	58.0	92.5		GGGG	19	40
08415	2844N	2511-15214	00000/0000	2-10019/1110	06/16/76	60	7124	59.1	92.0		GGGG	19	40
08416	4606N	2461-15405	00000/0000	2-10018/0299	04/27/76	70	6427	50.0	134.2		GGGG	23	28
08417	2851N	2691-15155	00000/0000	2-10025/1236	12/13/76	90	9634	28.6	144.3		GGGG	19	40
08418	4601N	2479-15402	00000/0000	2-10018/1073	05/15/76	50	6678	54.4	129.9		GGGG	23	28
08418	2849N	2673-15163	00000/0000	2-10025/0653	11/25/76	10	9383	31.6	144.6		GGGG	19	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0512

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL	MSS	MSS	ORBIT	FRAME	
LONG	LAT									RBV	MSS	DATA	IMAGE	PATH	ROW
										123	45678	MODF	GAIN	NUM.	NUM.
08419W	2849N	2655-15172	00000/0000	2-10025/0051	11/07/76	20	9132	35.8	142.6	GGGG				19	40
08420W	4606N	2587-15372	00000/0000	2-10022/0282	08/31/76	50	8184	44.4	136.2	GGGG				23	28
08420W	4604N	2569-15375	00000/0000	2-10021/0965	08/13/76	90	7933	49.1	130.5	FFGG				23	28
08420W	2848N	2403-15244	00000/0000	2-10016/0573	02/29/76	30	5618	39.5	130.7	FGGG				19	40
08421W	4604N	2713-15325	00000/0000	2-10026/0218	01/04/77	40	9941	15.2	149.2	GGGG				23	28
08421W	4556N	2497-15400	00000/0000	2-10019/0100	06/02/76	0	6929	56.8	125.7	GGGG				23	28
08421W	2848N	2619-15183	00000/0000	2-10023/0200	10/02/76	10	8630	45.3	131.4	GGGG				19	40
08421W	2846N	2637-15180	00000/0000	2-10023/1164	10/20/76	70	8881	40.6	138.2	GGGG				19	40
08421W	2843N	2367-15253	00000/0000	2-10015/0197	01/24/76	30	5116	30.8	139.9	FFGF				19	40
08422W	4600N	2425-15420	00000/0000	2-10017/0193	03/22/76	20	5925	37.5	140.3	GGGF				23	28
08422W	4557N	2551-15383	00000/0000	2-10021/0175	07/26/76	90	7682	53.0	125.6	GGGG				23	28
08422W	4555N	2533-15390	00000/0000	2-10020/0982	07/08/76	10	7431	55.7	122.8	GGGG				23	28
08423W	4604N	2695-15333	00000/0000	2-10025/1315	12/17/76	90	9690	15.4	151.6	FGGG				23	28
08423W	4602N	2731-15321	00000/0000	2-10026/0714	01/22/77	10	192	17.4	146.3	GGGG				23	28
08423W	4601N	2605-15365	00000/0000	2-10027/1143	09/18/76	10	8435	39.1	142.0	GGGG				23	28
08423W	3316N	2456-15273	00000/0000	2-10018/0184	04/24/76	30	6385	54.6	117.2	GGGG				20	37
08423W	3310N	2476-15270	00000/0000	2-10018/0975	05/12/76	10	6636	58.0	109.9	GGGG				20	37
08424W	3316N	2440-15260	00000/0000	2-10017/0941	04/06/76	80	6134	49.5	123.7	GGGF				20	37
08424W	2841N	2365-15251	00000/0000	2-10015/0843	02/11/76	10	5367	34.4	135.5	FFFG				19	40
08424W	2831N	2601-15191	00000/0000	2-10022/0964	09/14/76	50	8379	49.4	122.4	GGGG				19	40
08425W	4557N	2677-15342	00000/0000	2-10025/0740	11/29/76	30	9439	17.9	152.8	GGGG				23	28
08425W	4550N	2515-15393	00000/0000	2-10019/1114	06/20/76	0	7180	57.1	122.8	GGGG				23	28
08425W	4202N	2568-15332	2-10022/1470	2-10022/0005	08/12/76	60	7919	51.1	124.8	FFF	GGGG			22	31
08425W	3315N	2584-15240	00000/0000	2-10022/0230	08/28/76	50	8142	51.0	119.7	GGGG				20	37
08425W	3312N	2566-15243	00000/0000	2-10021/0813	08/10/76	20	7891	54.1	111.3	GGGG				20	37
08426W	4555N	2659-15350	00000/0000	2-10025/0205	11/11/76	80	9188	22.1	152.6	GGGG				23	28
08427W	4552N	2623-15362	00000/0000	2-10023/0518	10/06/76	70	8686	33.3	146.9	GGFF				23	28
08427W	3314N	2710-15193	00000/0000	2-10026/0129	01/01/77	10	9899	24.4	144.1	GGGG				20	37
08427W	3312N	2692-15201	00000/0000	2-10025/1249	12/14/76	40	9648	25.3	146.3	FGGG				20	37
08427W	3307N	2530-15254	00000/0000	2-10020/0549	07/05/76	90	7389	58.3	100.2	FGGG				20	37
08427W	3307N	2548-15251	00000/0000	2-10021/0099	07/23/76	20	7640	56.5	104.3	GGGG				20	37
08428W	4548N	2371-15432	00000/0000	2-10015/0241	01/28/76	100	5172	19.7	147.9	GGGG				23	28
08428W	4547N	2389-15430	00000/0000	2-10015/0945	02/15/76	100	5423	24.6	145.2	GFGG				23	28
08428W	4150N	2460-15362	00000/0000	2-10018/0238	04/26/76	80	6413	51.9	128.8	GFGG				22	31
08428W	4148N	2442-15365	00000/0000	2-10017/1132	04/08/76	40	6162	46.2	133.1	GGGG				22	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0513

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RLI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08428N	3307N	2422-15283	00000/0000	2-10017/0220	03/19/76	10	5883	43.6	129.1	GGGF		20	37
08428N	3303N	2512-15261	00000/0000	2-10019/1168	06/17/76	80	7138	59.4	99.8	GGGG		20	37
08429N	3732N	2459-15315	00000/0000	2-10018/0210	04/25/76	70	6399	53.4	123.1	GGGG		21	34
08430N	4150N	2586-15330	00000/0000	2-10022/0269	08/30/76	10	8170	47.0	131.2	GGGG		22	31
08430N	3727N	2477-15313	2-10018/1441	2-10018/1034	05/13/76	10	6650	57.2	116.8	GGG	GGGG	21	34
08430N	3309N	2602-15233	00000/0000	2-10022/0928	09/15/76	20	8393	47.2	128.2	GGGG		20	37
08431N	4855N	2444-15461	00000/0000	2-10017/1197	04/10/76	100	6190	42.9	140.4	GGGG		24	26
08431N	4850N	2714-15374	2-10026/0868	00000/0000	01/05/77	10	9955	13.2	150.3	GGG		24	26
08431N	3731N	2441-15323	00000/0000	2-10017/1106	04/07/76	10	6148	48.0	128.5	GG G		21	34
08431N	3304N	2620-15230	00000/0000	2-10023/0407	10/03/76	10	8644	42.6	135.8	GGGG		20	37
08431N	3300N	2404-15291	00000/0000	2-10014/0616	03/01/76	50	5632	37.5	133.8	GGG	GGGG	20	37
08432N	4148N	2712-15282	00000/0000	2-10026/0197	01/03/77	90	9927	18.3	147.6	GGPG		22	31
08432N	4145N	2694-15291	00000/0000	2-10025/1374	12/16/76	90	9676	18.8	149.9	GGGG		22	31
08432N	4139N	2532-15343	00000/0000	2-10020/0575	07/07/76	10	7417	57.1	115.5	GGGG		22	31
08432N	4138N	2496-15353	00000/0000	2-10019/0475	06/01/76	90	6915	58.2	118.4	GGGG		22	31
08432N	4136N	2478-15360	00000/0000	2-10018/0857	05/14/76	90	6664	56.0	123.3	GGGG		22	31
08432N	3732N	2711-15235	00000/0000	2-10026/0186	01/02/77	20	9913	21.4	145.9	GGFG		21	34
08432N	3728N	2567-15290	00000/0000	2-10021/0869	08/11/76	10	7905	52.9	118.0	GGGG		21	34
08432N	3726N	2531-15300	00000/0000	2-10020/0562	07/06/76	40	7403	57.9	108.0	GGGG		21	34
08432N	3723N	2495-15310	00000/0000	2-10019/0383	05/31/76	80	6901	59.1	111.0	GGGG		21	34
08432N	3305N	2656-15214	00000/0000	2-10025/0095	11/08/76	0	9146	32.5	145.4	GGGG		20	37
08432N	3303N	2386-15294	00000/0000	2-10015/0804	02/12/76	0	5381	32.1	138.1	GGGG		20	37
08432N	3301N	2368-15300	00000/0000	2-10015/0176	01/25/76	90	5130	28.1	142.0	GGFG		20	37
08433N	4550N	2407-15423	00000/0000	2-10016/0767	03/04/76	100	5674	30.8	142.6	GGGG		23	28
08433N	4147N	2730-15274	00000/0000	2-10026/0730	01/21/77	20	178	20.2	144.5	GGGG		22	31
08433N	4143N	2406-15350	00000/0000	2-10016/0698	03/03/76	90	5660	33.1	139.8	GGG	GPFG	22	31
08433N	4143N	2604-15323	00000/0000	2-10022/1106	09/17/76	70	8421	42.1	137.7	GGGG		22	31
08433N	4141N	2550-15340	00000/0000	2-10021/0264	07/25/76	10	7668	54.6	118.8	GGGG		22	31
08433N	4137N	2514-15350	00000/0000	2-10019/1246	06/19/76	70	7166	58.4	115.4	GGGG		22	31
08433N	3731N	2535-15283	00000/0000	2-10022/0046	08/29/76	30	8156	49.2	125.6	GGGG		21	34
08433N	3729N	2693-15244	00000/0000	2-10025/1277	12/15/76	30	9662	22.1	148.1	GGGG		21	34
08433N	3722N	2549-15293	00000/0000	2-10021/0112	07/24/76	10	7654	55.8	111.6	GGGG		21	34
08434N	4855N	2588-15422	2-10022/1472	2-10022/0359	09/01/76	60	8198	42.5	139.5	GGG	GGGG	24	26
08434N	4850N	2480-15451	00000/0000	2-10018/1138	05/16/76	100	6692	53.2	133.9	FGGG		24	26
08434N	4143N	2424-15373	00000/0000	2-10017/0298	03/21/76	90	5911	39.7	136.7	GGGG		22	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODF ..... (BLANK)=NOT MODIFIED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0514

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RLL MSS	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08434W	3729N	2603-15280	00000/0000	2-10022/1047	09/16/76	60	8407	44.8	133.2	GGGG		21	34
08434W	3726N	2423-15330	00000/0000	2-10017/0233	03/20/76	40	5897	41.7	133.0	GFGG		21	34
08434W	3303N	2638-15222	00000/0000	2-10023/1229	10/21/76	0	8895	37.6	141.7	GGGG		20	37
08435W	4853N	2570-15425	00000/0000	2-10021/0990	08/14/76	10	7947	47.5	134.3	GGGG		24	26
08435W	4848N	2426-15465	00000/0000	2-10017/0853	03/23/76	100	5939	36.1	142.6	GGGG		24	26
08435W	4845N	2498-15445	00000/0000	2-10019/0498	06/03/76	10	6943	55.6	130.1	GGGG		24	26
08435W	4143N	2676-15295	00000/0000	2-10025/0708	11/28/76	60	9425	21.4	150.9	GGGG		22	31
08435W	3729N	2729-15231	00000/0000	2-10026/0705	01/20/77	90	164	23.0	142.6	FFFG		21	34
08435W	3725N	2405-15333	00000/0000	2-10016/0666	03/02/76	20	5647	35.3	136.9	GGG	GGFG	21	34
08435W	2729N	2457-15232	00000/0000	2-10018/0159	04/23/76	10	6371	55.6	108.8	GGGG		19	41
08435W	2728N	2475-15230	00000/0000	2-10018/0907	05/11/76	70	6622	58.3	100.3	GGGG		19	41
08436W	3719N	2513-15307	00000/0000	2-10019/1194	06/18/76	40	7152	59.2	107.6	GFGG		21	34
08436W	2728N	2565-15207	00000/0000	2-10021/0801	08/09/76	30	7877	54.8	102.0	GGGG		19	41
08437W	4845N	2552-15432	00000/0000	2-10021/0216	07/27/76	80	7696	51.6	129.9	GGGG		24	26
08437W	4522N	2641-15355	00000/0000	2-10023/1338	10/24/76	80	8937	27.9	150.2	GGGF		23	28
08437W	3724N	2675-15253	00000/0000	2-10025/0696	11/27/76	50	9411	24.9	149.0	GGGG		21	34
08437W	3722N	2621-15273	00000/0000	2-10023/0334	10/04/76	10	8658	39.7	139.8	GGGG		21	34
08437W	3721N	2639-15265	00000/0000	2-10023/1210	10/22/76	0	8909	34.3	144.9	FFGG		21	34
08437W	3714N	2513-15304	2-10020/1273	00000/0000	06/18/76	70	7152	59.2	107.4	GGG		21	34
08437W	2730N	2439-15240	00000/0000	2-10017/0831	04/05/76	40	6120	51.2	116.8	GGGG		19	41
08438W	4843N	2534-15435	00000/0000	2-10020/0668	07/09/76	40	7445	54.5	127.5	GGGG		24	26
08438W	4140N	2622-15315	00000/0000	2-10023/0489	10/05/76	40	8672	36.6	143.5	GGGG		22	31
08438W	4137N	2658-15304	00000/0000	2-10025/0165	11/10/76	70	9174	25.7	150.3	GGGG		22	31
08438W	4136N	2640-15312	00000/0000	2-10023/1299	10/23/76	80	8923	31.0	147.8	GGGG		22	31
08438W	4133N	2388-15337	00000/0000	2-10015/0918	02/14/76	0	5409	27.2	142.8	GGGG		22	31
08438W	3721N	2657-15261	00000/0000	2-10025/0134	11/09/76	40	9160	29.2	147.9	GGGG		21	34
08438W	2728N	2553-15200	00000/0000	2-10022/0187	08/27/76	40	8128	52.7	111.3	GFGG		19	41
08438W	2721N	2493-15223	00000/0000	2-10019/0331	05/29/76	20	6873	59.3	93.2	FFFG		19	41
08439W	4846N	2678-15391	2-10025/1637	2-10025/0790	11/30/76	10	9453	15.4	154.1	GGG	GGGG	24	26
08439W	4132N	2370-15390	00000/0000	2-10015/0228	01/27/76	10	5158	22.6	146.0	GGGG		22	31
08439W	3719N	2369-15343	00000/0000	2-10015/0125	01/26/76	100	5144	25.3	144.1	FFGG		21	34
08439W	2722N	2547-15210	00000/0000	2-10020/1093	07/22/76	70	7626	56.5	94.5	GGGG		19	41
08439W	2721N	2529-15217	00000/0000	2-10020/0400	07/04/76	10	7375	57.8	90.1	GGGG		19	41
08439W	2718N	2511-15220	00000/0000	2-10019/1111	06/16/76	30	7124	58.9	89.5	GGGG		19	41
08440W	4852N	2696-15342	00000/0000	2-10025/1328	12/18/76	100	9704	13.2	152.7	GGGG		24	26

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0515

FBR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUN ORBIT PATH NUM.	FRAME ROW NUM.
08440N	3718N	2387-15340	00000/0000	2-10015/0759	02/13/76	90	5395	29.7	140.5	GGGG		21	34
08441N	4850N	2606-15415	00000/0000	2-10022/1156	09/19/76	90	8449	36.9	144.7	GGGG		24	26
08441N	4839N	2516-15442	00000/0000	2-10019/1323	06/21/76	0	7194	56.0	127.5	GGGG		24	26
08441N	2725N	2631-15161	00000/0000	2-10025/1237	12/13/76	80	9634	29.6	143.6	GGGG		19	41
08442N	4841N	2372-15482	00000/0000	2-10015/0043	11/29/76	0	5186	17.8	149.2	GGGG		24	26
08442N	4840N	2642-15404	2-10023/1424	2-10023/1321	10/25/76	90	8951	25.0	152.3	GGG GGGG		24	26
08442N	2723N	2673-15170	00000/0000	2-10025/0654	11/25/76	30	9383	32.6	143.8	GGGG		19	41
08443N	4841N	2624-15412	2-10023/1408	2-10023/0545	10/07/76	70	8700	31.0	149.1	GGG FGGG		24	26
08443N	2723N	2655-15174	00000/0000	2-10025/0052	11/07/76	30	9132	36.8	141.7	GGGG		19	41
08444N	2722N	2619-15190	00000/0000	2-10023/0201	10/02/76	30	8630	46.0	130.0	FGGG		19	41
08444N	2721N	2637-15182	00000/0000	2-10023/1165	10/20/76	60	8881	41.5	137.1	GGGG		19	41
08445N	4836N	2390-15475	00000/0000	2-10015/1030	02/16/76	70	5437	23.0	146.7	GGFG		24	26
08445N	2717N	2367-15260	00000/0000	2-10015/0198	01/24/76	40	5116	31.7	139.1	FFGF		19	41
08447N	2716N	2355-15253	00000/0000	2-10015/0844	02/11/76	20	5367	35.3	134.6	FFGG		19	41
08448N	3144N	2476-15272	00000/0000	2-10018/0976	05/12/76	30	6636	58.2	107.4	GGGG		20	38
08449N	4442N	2443-15415	00000/0000	2-10017/1145	04/09/76	0	6176	45.0	136.1	GGGG		23	29
08449N	3150N	2458-15275	00000/0000	2-10018/0187	04/24/76	30	6385	55.0	115.0	GG		20	38
08450N	4440N	2461-15411	00000/0000	2-10018/0300	04/27/76	70	6427	50.8	132.3	GGGG		23	29
08450N	3150N	2440-15282	00000/0000	2-10017/0942	04/06/76	90	6134	50.1	122.3	GGGF		20	38
08450N	3147N	2566-15250	00000/0000	2-10021/0814	08/10/76	10	7891	54.3	109.1	GGGG		20	38
08451N	4435N	2479-15405	00000/0000	2-10018/1074	05/15/76	80	6678	55.0	127.7	GGGG		23	29
08451N	3149N	2544-15243	00000/0000	2-10022/0231	08/28/76	20	8142	51.5	117.8	GGGG		20	38
08451N	3141N	2494-15270	00000/0000	2-10019/0371	05/30/76	30	6887	59.6	100.8	GGGG		20	38
08452N	3148N	2710-15195	00000/0000	2-10024/0130	01/01/77	10	9299	25.4	143.4	GGGG		20	38
08452N	3142N	2548-15253	00000/0000	2-10021/0100	07/23/76	10	7640	56.5	101.9	FGGG		20	38
08452N	3141N	2530-15260	00000/0000	2-10020/0550	07/05/76	90	7389	58.2	97.7	FGGG		20	38
08453N	3146N	2692-15204	00000/0000	2-10025/1250	12/14/76	90	9648	26.4	145.6	GGGG		20	38
08453N	3137N	2512-15263	00000/0000	2-10019/1169	06/17/76	80	7138	59.4	97.2	GGGG		20	38
08454N	4440N	2587-15375	00000/0000	2-10022/0283	08/31/76	40	8184	45.2	134.7	GGGG		23	29
08454N	4438N	2569-15382	00000/0000	2-10021/0966	08/13/76	70	7933	49.8	128.6	FGFG		23	29
08454N	3141N	2422-15290	00000/0000	2-10017/0221	03/19/76	10	5883	44.3	127.7	GGGG		20	38
08455N	4439N	2713-15331	00000/0000	2-10026/0219	01/04/77	20	9941	16.3	148.6	GGGG		23	29
08455N	4435N	2425-15422	00000/0000	2-10017/0194	03/22/76	10	5925	38.4	139.0	GGGG		23	29
08455N	4432N	2497-15402	00000/0000	2-10019/0101	06/02/76	0	6929	57.3	123.2	GGGG		23	29
08455N	4432N	2551-15385	00000/0000	2-10021/0176	07/26/76	30	7682	53.5	123.4	GGGG		23	29

KEYS: CLOUD COVER : ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0516

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.	
08455N	4430N	2533-15392	00000/0000	2-10020/0983	07/08/76	10	7431	56.2	120.5				23	29
08455N	4036N	2568-15335	P-10022/1471	2-10022/0906	08/12/76	60	7919	51.7	122.8	FFG	GGGG		22	32
08455N	3143N	2602-15240	00000/0000	2-10022/0929	09/15/76	10	8393	47.9	126.6		GGGG		20	38
08456N	4435N	2605-15372	00000/0000	2-10022/1144	09/18/76	10	8435	40.0	140.7		GGGG		23	29
08456N	3606N	2459-15322	00000/0000	2-10018/0211	04/25/76	70	6399	53.9	121.0		GGGG		21	35
08457N	4439N	2695-15340	00000/0000	2-10025/1316	12/17/76	90	9690	16.5	151.0		GGGG		23	29
08457N	4437N	2731-15323	00000/0000	2-10024/0715	01/22/77	10	192	18.4	145.6		GGGG		23	29
08457N	4024N	2460-15365	00000/0000	2-10018/0239	04/26/76	50	6413	52.5	126.8		GGGG		22	32
08457N	3600N	2477-15315	P-10018/1442	2-10018/1035	05/13/76	10	6650	57.6	114.4	GGG	GGGG		21	35
08457N	3138N	2620-15233	00000/0000	2-10023/0408	10/03/76	10	8644	43.4	134.5		GGGG		20	38
08457N	3136N	2368-15302	00000/0000	2-10015/0177	01/25/76	90	5130	29.0	141.3		GGFG		20	38
08457N	3133N	2404-15293	00000/0000	2-10016/0617	03/01/76	0	5632	38.3	132.6	GGG	GGGG		20	38
08458N	4425N	2515-15395	00000/0000	2-10019/1115	06/20/76	0	7180	57.6	120.3		GGGG		23	29
08458N	4024N	2442-15372	00000/0000	2-10017/1133	04/08/76	10	6162	46.9	131.5		GGGG		22	32
08458N	3605N	2441-15325	00000/0000	2-10017/1107	04/07/76	10	6148	48.7	126.8		GG G		21	35
08458N	3139N	2656-15221	00000/0000	2-10025/0996	11/08/76	0	9146	33.6	144.6		GGGG		20	38
08458N	3137N	2386-15300	00000/0000	2-10015/0805	02/12/76	10	5381	33.0	137.2		GGGG		20	38
08459N	4432N	2677-15344	00000/0000	2-10025/0741	11/29/76	20	9439	19.0	152.2		GGGG		23	29
08459N	4430N	2659-15353	00000/0000	2-10025/0206	11/11/76	50	9188	23.2	151.8		GGGG		23	29
08459N	3606N	2711-15242	00000/0	2-10024/0187	01/02/77	50	9913	22.4	145.2		GGFG		21	35
08459N	3602N	2567-15293	00000/0000	2-10021/0870	08/11/76	10	7905	53.3	115.9		GGGG		21	35
08459N	3601N	2531-15303	00000/0000	2-10020/0563	07/06/76	40	7403	58.1	105.5		GGGG		21	35
08459N	3558N	2495-15313	00000/0000	2-10019/0384	05/31/76	30	6901	59.3	108.4		GGGG		21	35
08459N	3138N	2638-15225	00000/0000	2-10023/1230	10/21/76	0	8895	38.5	140.7		GGGG		20	38
08459N	2602N	2475-15232	00000/0000	2-10018/0908	05/11/76	60	6622	58.3	97.8		GGGG		19	42
08500N	4024N	2586-15332	00000/0000	2-10022/0270	08/30/76	0	8170	47.7	129.5		GGGG		22	32
08500N	3605N	2535-15285	00000/0000	2-10022/0047	08/29/76	70	8156	49.8	123.8		GGGG		21	35
08500N	3557N	2549-15300	00000/0000	2-10021/0113	07/24/76	10	7654	56.0	109.3		GGGG		21	35
08501N	4427N	2623-15365	00000/0000	2-10023/0519	10/06/76	90	8686	34.3	145.9		GGFG		23	29
08501N	4424N	2371-15435	00000/0000	2-10015/0242	01/28/76	100	5172	20.7	147.2		GGGG		23	29
08501N	4423N	2389-15433	00000/0000	2-10015/0946	02/15/76	100	5423	25.6	144.3		GGGG		23	29
08501N	3604N	2693-15250	00000/0000	2-10025/1278	12/15/76	40	9662	23.1	147.5		GGGG		21	35
08501N	3603N	2603-15282	00000/0000	2-10022/1048	09/16/76	20	8407	45.5	131.8		GGGG		21	35
08501N	3600N	2423-15333	00000/0000	2-10017/0234	03/20/76	90	5897	42.5	131.6		GGGG		21	35
08502N	4023N	2712-15285	00000/0000	2-10026/0198	01/03/77	80	9927	19.4	147.0		GGPG		22	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0517

FBR IIS

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08502N	4021N	2730-15281	00000/0000	2-10026/0731	01/21/77	50	178	21.2	143.8	GGGG		22	32
08502N	4020N	2634-15232	00000/0000	2-10025/1375	12/16/76	100	9676	19.9	149.3	GGGG		22	32
08502N	4016N	2550-15343	00000/0000	2-10021/0265	07/25/76	0	7668	55.0	116.5	GGGG		22	32
08502N	4014N	2532-15350	00000/0000	2-10020/0576	07/07/76	10	7417	57.4	113.0	GGGG		22	32
08502N	4013N	2496-15355	00000/0000	2-10019/0476	06/01/76	90	6915	58.5	115.9	GGGG		22	32
08502N	4011N	2478-15362	00000/0000	2-10018/0868	05/14/76	100	6664	56.5	121.0	GGGG		22	32
08502N	4011N	2514-15353	00000/0000	2-10019/1247	06/19/76	90	7166	58.7	112.8	GGGG		22	32
08502N	3604N	2729-15234	00000/0000	2-10026/0706	01/20/77	90	164	23.9	142.0	GGGG		21	35
08503N	4018N	2406-15322	00000/0000	2-10016/0699	03/03/76	70	5660	33.9	138.8	GGG FFFG		22	32
08503N	4018N	2604-15325	00000/0000	2-10022/1107	09/17/76	90	8421	42.9	136.4	GGGG		22	32
08503N	3559N	2405-15340	00000/0000	2-10016/0667	03/02/76	20	5647	36.2	135.8	GGG GFFF		21	35
08503N	3553N	2513-15310	2-10019/1515	2-10019/1195	06/18/76	70	7152	59.3	104.9	GGG FGGG		21	35
08504N	4018N	2424-15375	00000/0000	2-10017/0299	03/21/76	90	5911	40.5	135.4	GGGG		22	32
08504N	3557N	2621-15275	00000/0000	2-10023/0335	10/04/76	0	8658	40.6	138.7	GGGG		21	35
08505N	4018N	2676-15322	00000/0000	2-10025/0709	11/28/76	80	9425	22.5	150.3	GGGG		22	32
08505N	3558N	2675-15255	00000/0000	2-10025/0697	11/27/76	50	9411	25.9	148.3	GGGG		21	35
08505N	3556N	2657-15263	00000/0000	2-10025/0135	11/09/76	40	9160	30.2	147.2	GGGG		21	35
08505N	3555N	2639-15272	00000/0000	2-10023/1211	10/22/76	0	8909	35.3	143.9	GGGG		21	35
08506N	4425N	2407-15430	00000/0000	2-10016/0768	03/04/76	100	5674	31.7	141.6	GGGG		23	29
08506N	3553N	2369-15345	00000/0000	2-10015/0126	01/26/76	100	5144	26.3	143.3	FGGG		21	35
08507N	4730N	2444-15464	00000/0000	2-10017/1198	04/10/76	90	6190	43.7	138.9	GGGG		24	27
08507N	4011N	2640-15314	00000/0000	2-10023/1300	10/23/76	90	8923	32.0	146.9	GGGG		22	32
08508N	4014N	2622-15322	00000/0000	2-10023/0490	10/05/76	20	8672	37.5	142.4	GGGG		22	32
08508N	4011N	2658-15310	00000/0000	2-10025/0166	11/10/76	50	9174	26.8	149.5	GGGG		22	32
08508N	4008N	2388-15390	00000/0000	2-10015/0919	02/14/76	20	5409	28.1	142.0	GGGG		22	32
08508N	3552N	2387-15343	00000/0000	2-10015/0760	02/13/76	90	5395	30.6	139.6	GGGG		21	35
08509N	4006N	2370-15302	00000/0000	2-10015/0229	01/27/76	10	5158	23.6	145.3	GGGG		22	32
08510N	4730N	2714-15381	2-10026/0869	2-10026/0256	01/05/77	20	9955	14.3	149.7	GGG GGGG		24	27
08510N	4725N	2480-15454	00000/0000	2-10018/1139	05/16/76	100	6692	53.9	131.8	GGGG		24	27
08510N	4357N	2641-15362	00000/0000	2-10023/1339	10/24/76	90	8937	28.9	149.4	GGGG		23	29
08511N	4730N	2588-15424	2-10022/1473	2-10022/0360	09/01/76	40	8198	43.3	138.1	GGG GGGG		24	27
08511N	4728N	2570-15431	00000/0000	2-10021/0991	08/14/76	20	7947	48.2	132.5	GGGG		24	27
08511N	4724N	2678-15393	2-10025/1638	00000/0000	11/30/76	50	9453	16.5	153.5	GGG		24	27
08512N	4723N	2426-15471	00000/0000	2-10017/0854	03/23/76	90	5939	37.0	141.3	GGGG		24	27
08512N	4720N	2498-15451	00000/0000	2-10019/0499	06/03/76	40	6943	56.3	127.8	FGGG		24	27

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED; L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0518

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08513N	3024N	2458-15232	00000/0000	2-10018/0185	04/24/76	30	6385	55.3	112.8				
08513N	3019N	2476-15275	00000/0000	2-10018/0977	05/12/76	60	6636	58.3	104.9	GGGG	H	20	39
08514N	4721N	2552-15435	00000/0000	2-10021/0217	07/27/76	30	7696	52.2	127.8	GGGG		20	39
08514N	4718N	2534-15442	00000/0000	2-10020/0669	07/09/76	30	7445	55.1	125.2	GGGG		24	37
08514N	3022N	2566-15252	00000/0000	2-10021/0815	08/10/76	10	7891	54.5	106.9	GGGG		24	37
08515N	3024N	2440-15235	00000/0000	2-10017/0943	04/06/76	90	6134	50.6	120.1	GGGG		20	39
08516N	4727N	2696-15385	2-10025/1654	2-10025/1329	12/18/76	80	9704	14.3	152.1	GGG		24	27
08516N	4721N	2678-15394	00000/0000	2-10025/0791	11/30/76	50	9453	16.6	153.4	GGGG		24	27
08516N	3023N	2584-15245	00000/0000	2-10022/0232	08/28/76	30	8142	51.9	115.9	GGGG		20	39
08516N	3016N	2548-15260	00000/0000	2-10021/0101	07/23/76	30	7640	56.5	99.6	GGGG		20	39
08516N	3015N	2494-15272	00000/0000	2-10019/0372	05/30/76	20	6887	59.5	98.1	GGGG		20	39
08517N	4725N	2606-15421	00000/0000	2-10022/1157	09/19/76	80	8449	37.9	143.5	GGGG		24	27
08517N	4714N	2516-15445	00000/0000	2-10019/1324	06/21/76	0	7194	56.6	125.1	GGGG		24	27
08517N	3022N	2710-15202	00000/0000	2-10026/0131	01/01/77	10	9899	26.4	142.8	GGGG		20	39
08517N	3016N	2530-15263	00000/0000	2-10020/0551	07/05/76	60	7389	58.1	95.2	GGGG		20	39
08517N	3011N	2512-15270	00000/0000	2-10019/1170	06/17/76	60	7138	59.3	94.6	GGGG		20	39
08518N	4719N	2660-15402	2-10025/1629	2-10025/0218	11/12/76	80	9202	20.7	153.3	GGG		24	27
08518N	4717N	2372-15484	00000/0000	2-10015/0044	01/29/76	40	5186	18.9	148.5	GGGG		24	27
08518N	4715N	2642-15410	2-10023/1425	2-10023/1322	10/25/76	90	8951	26.1	151.5	GGG		24	27
08518N	3020N	2692-15210	00000/0000	2-10025/1251	12/14/76	100	9648	27.4	145.0	GGGG		20	39
08518N	3015N	2422-15232	00000/0000	2-10017/0222	03/19/76	30	5883	44.9	126.3	GGGG		20	39
08519N	4716N	2624-15414	2-10023/1409	2-10023/0546	10/07/76	50	8700	32.0	148.1	GGG		24	27
08520N	3017N	2602-15242	00000/0000	2-10022/0930	09/15/76	10	8393	48.5	125.0	GGGG		20	39
08521N	4711N	2390-15432	00000/0000	2-10015/1031	02/16/76	100	5437	24.0	145.8	GGGG		24	27
08521N	2435N	2475-15235	00000/0000	2-10018/0909	05/11/76	40	6622	58.2	95.3	GGGG		19	43
08522N	4317N	2443-15421	00000/0000	2-10017/1146	04/09/76	0	6176	45.8	134.5	GGGG		23	30
08522N	4315N	2461-15414	00000/0000	2-10018/0301	04/27/76	80	6427	51.5	130.4	GGGG		23	30
08522N	3012N	2620-15235	00000/0000	2-10023/0409	10/03/76	20	8644	44.3	133.2	GGGG		20	39
08522N	3011N	2386-15303	00000/0000	2-10015/0806	02/12/76	10	5381	33.8	136.3	GGGG		20	39
08522N	3010N	2368-15305	00000/0000	2-10015/0178	01/25/76	80	5130	30.0	140.5	GGGG		20	39
08522N	3007N	2404-15300	00000/0000	2-10016/0618	03/01/76	30	5632	39.1	131.5	GGGG		20	39
08523N	4309N	2479-15411	00000/0000	2-10018/1075	05/15/76	90	6678	55.6	125.5	GGGG		23	30
08523N	3440N	2459-15324	00000/0000	2-10018/0212	04/25/76	60	6399	54.4	118.9	GGGG		21	36
08523N	3013N	2656-15223	00000/0000	2-10025/0097	11/08/76	0	9146	34.6	143.7	GGGG		20	39
08524N	3911N	2568-15341	00000/0000	2-10022/0007	08/12/76	20	7919	52.2	120.8	GGGG		22	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0519

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
08524N	3435N	2477-15322	2-10018/1443	2-10018/1036	05/13/76	10	6650	57.9	111.9	GGG	GGGG	21	36
08524N	3012N	2638-15231	00000/0000	2-10023/1231	10/21/76	10	8895	39.4	139.6	GGGG	GGGG	20	39
08525N	3439N	2441-15332	00000/0000	2-10017/1108	04/07/76	0	6148	49.3	125.1	FGFG	GGGG	21	36
08525N	3437N	2567-15295	00000/0000	2-10021/0871	08/11/76	10	7905	53.6	113.8	GGGG	GGGG	21	36
08526N	4315N	2587-15381	00000/0000	2-10022/0284	08/31/76	10	8184	46.0	133.1	GGGG	GGGG	23	30
08526N	3859N	2460-15371	00000/0000	2-10018/0240	04/26/76	30	6413	53.1	124.8	GGGG	GGGG	22	33
08526N	3440N	2711-15244	00000/0000	2-10026/0188	01/02/77	100	9913	23.4	144.6	GGGF	GGGG	21	36
08526N	3435N	2531-15305	00000/0000	2-10020/0564	07/06/76	50	7403	58.2	102.9	GGGG	GGGG	21	36
08526N	3432N	2495-15315	00000/0000	2-10019/0385	05/31/76	10	6901	59.5	105.8	GGGG	GGGG	21	36
08526N	3432N	2549-15302	00000/0000	2-10021/0114	07/24/76	10	7654	56.2	106.9	GGGG	GGGG	21	36
08527N	4314N	2713-15334	00000/0000	2-10026/0220	01/04/77	10	9941	17.3	148.0	GGGG	GGGG	23	30
08527N	4313N	2569-15384	00000/0000	2-10021/0967	08/13/76	50	7933	50.4	126.7	FGGG	GGGG	23	30
08527N	4306N	2497-15405	00000/0000	2-10019/0102	06/02/76	10	6929	57.8	120.8	GGGG	GGGG	23	30
08527N	4305N	2533-15395	00000/0000	2-10020/0984	07/08/76	10	7431	56.6	118.1	GGGG	GGGG	23	30
08527N	3439N	2585-15292	00000/0000	2-10022/0048	08/29/76	60	8156	50.3	122.0	GGGG	GGGG	21	36
08528N	4310N	2425-15425	00000/0000	2-10017/0195	03/22/76	10	5925	39.2	137.8	GGGG	GGGG	23	30
08528N	4310N	2605-15374	00000/0000	2-10022/1145	09/18/76	10	8435	40.9	139.4	GGGG	GGGG	23	30
08528N	4308N	2551-15392	00000/0000	2-10021/0177	07/26/76	10	7682	54.0	121.3	GGGG	GGGG	23	30
08528N	3438N	2693-15252	00000/0000	2-10025/1279	12/15/76	60	9662	24.2	146.9	GGGG	GGGG	21	36
08528N	3437N	2603-15285	00000/0000	2-10022/1049	09/16/76	10	8407	46.2	130.2	GGGG	GGGG	21	36
08528N	3435N	2423-15335	00000/0000	2-10017/0235	03/20/76	90	5897	43.2	130.3	FGGF	GGGG	21	36
08529N	4312N	2731-15330	00000/0000	2-10026/0716	01/22/77	10	192	19.4	145.0	GGGG	GGGG	23	30
08529N	3859N	2586-15335	00000/0000	2-10022/0271	08/30/76	0	8170	48.3	127.8	GGGG	GGGG	22	33
08529N	3438N	2729-15240	00000/0000	2-10026/0707	01/20/77	70	164	24.9	141.3	GPGG	GGGG	21	36
08529N	3434N	2405-15342	00000/0000	2-10016/0668	03/02/76	10	5647	37.0	134.7	GGG	GGGF	21	36
08529N	3428N	2513-15312	00000/0000	2-10019/1196	06/18/76	60	7152	59.4	102.3	GGGG	GGGG	21	36
08530N	4313N	2695-15342	00000/0000	2-10025/1317	12/17/76	90	9690	17.6	150.4	GGGG	GGGG	23	30
08530N	4301N	2515-15402	00000/0000	2-10019/1116	06/20/76	10	7180	58.0	117.8	GGGG	GGGG	23	30
08530N	3848N	2532-15352	00000/0000	2-10020/0577	07/07/76	10	7417	57.6	110.6	GGGG	GGGG	22	33
08531N	4307N	2677-15351	00000/0000	2-10025/0742	11/29/76	60	9439	20.1	151.6	GGGG	GGGG	23	30
08531N	4305N	2659-15355	00000/0000	2-10025/0207	11/11/76	40	9188	24.3	151.1	GGGG	GGGG	23	30
08531N	3857N	2712-15291	00000/0000	2-10026/0199	01/03/77	80	9927	20.4	146.3	GGGG	GGGG	22	33
08531N	3850N	2550-15345	00000/0000	2-10021/0266	07/25/76	0	7668	55.4	114.2	GGGG	GGGG	22	33
08531N	3847N	2496-15362	00000/0000	2-10019/0477	06/01/76	80	6915	58.9	113.3	GGGG	GGGG	22	33
08531N	3846N	2514-15355	00000/0000	2-10019/1248	06/19/76	90	7166	59.0	110.2	GGGG	GGGG	22	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING

PAGE 0520

FOR IIS

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08531N	3845N	2478-15365	00000/0000	2-10018/0869	05/14/76	100	6664	57.0	118.6	GGGG		22	33
08531N	3432N	2621-15282	00000/0000	2-10023/0336	10/04/76	10	8658	41.5	137.4	FGGG		21	36
08531N	3432N	2675-15262	00000/0000	2-10025/0698	11/27/76	70	9411	27.0	147.6	GGGG		21	36
08531N	3430N	2639-15274	00000/0000	2-10023/1212	10/22/76	0	8909	36.3	143.0	GGGG		21	36
08531N	3424N	2513-15312	2-10020/1274	00000/0000	06/18/76	80	7152	59.4	102.2	FFF		21	36
08532N	3855N	2730-15282	00000/0000	2-10026/0732	01/21/77	30	178	22.2	143.1	GGGG		22	33
08532N	3854N	2694-15300	00000/0000	2-10025/1376	12/16/76	80	9676	20.9	148.7	GGGG		22	33
08532N	3853N	2406-15385	00000/0000	2-10016/0700	03/03/76	60	5660	34.8	137.8	GGG		22	33
08532N	3852N	2604-15332	00000/0000	2-10022/1108	09/17/76	80	8421	43.7	135.0	GGGG		22	33
08532N	3430N	2657-15270	00000/0000	2-10025/0136	11/09/76	20	9160	31.3	146.4	GGGG		21	36
08533N	4258N	2389-15435	00000/0000	2-10015/0947	02/15/76	90	5423	26.5	143.5	PPPP		23	30
08533N	3853N	2676-15304	00000/0000	2-10025/0710	11/28/76	90	9425	23.5	149.6	GGGG		22	33
08533N	3852N	2424-15382	00000/0000	2-10017/0300	03/21/76	60	5911	41.3	134.1	GGGG		22	33
08533N	3428N	2369-15352	00000/0000	2-10015/0127	01/26/76	100	5144	27.3	142.6	GGGG		21	36
08534N	4302N	2623-15371	00000/0000	2-10023/0520	10/06/76	90	8686	35.3	144.8	GGFG		23	30
08534N	4258N	2371-15441	00000/0000	2-10015/0243	01/28/76	100	5172	21.8	146.5	GGGG		23	30
08534N	3427N	2387-15345	00000/0000	2-10015/0761	02/13/76	80	5395	31.5	138.8	GGGG		21	36
08536N	3846N	2640-15321	00000/0000	2-10023/1301	10/23/76	100	8923	33.0	146.0	FFFF		22	33
08537N	3849N	2622-15324	00000/0000	2-10023/0491	10/05/76	40	8672	38.5	141.3	GGGG		22	33
08537N	3846N	2658-15313	00000/0000	2-10025/0167	11/10/76	10	9174	27.8	148.8	GGGG		22	33
08537N	3843N	2388-15392	00000/0000	2-10015/0920	02/14/76	40	5409	29.0	141.2	GGGG		22	33
08537N	2858N	2458-15284	00000/0000	2-10018/0186	04/24/76	30	6385	55.5	110.6	GGFG	H	20	40
08537N	2852N	2476-15281	00000/0000	2-10018/0978	05/12/76	30	6636	58.4	102.3	GGGG		20	40
08538N	4300N	2407-15432	00000/0000	2-10016/0769	03/04/76	100	5674	32.6	140.6	GGGG		23	30
08538N	3841N	2370-15395	00000/0000	2-10015/0230	01/27/76	20	5158	24.6	144.6	GGGG		22	33
08538N	2855N	2566-15255	00000/0000	2-10021/0816	08/10/76	10	7891	54.6	104.7	GGGG		20	40
08539N	2858N	2440-15291	00000/0000	2-10017/0944	04/06/76	90	6134	51.1	118.3	GGGG		20	40
08540N	2856N	2534-15252	00000/0000	2-10022/0233	08/28/76	40	8142	52.2	113.9	GGGG		20	40
08540N	2850N	2548-15262	00000/0000	2-10021/0102	07/23/76	20	7640	56.5	97.2	FGGG		20	40
08540N	2849N	2494-15275	00000/0000	2-10019/0373	05/30/76	10	6887	59.4	95.5	FGGG		20	40
08541N	4605N	2444-15470	00000/0000	2-10017/1199	04/10/76	90	6190	44.6	137.4	GGGG		24	28
08541N	2849N	2530-15265	00000/0000	2-10020/0552	07/05/76	40	7389	58.0	92.7	GGGG		20	40
08541N	2845N	2512-15272	00000/0000	2-10019/1171	06/17/76	40	7138	59.1	92.0	GGGG		20	40
08542N	2856N	2710-15204	00000/0000	2-10026/0132	01/01/77	60	9899	27.4	142.1	GGGG		20	40
08542N	2855N	2692-15213	00000/0000	2-10025/1252	12/14/76	100	9648	28.4	144.3	GGGG		20	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0521

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08542W	2849N	2422-15295	00000/0000	2-10017/0223	03/19/76	20	5883	45.5	124.8	GGGG	20	40
08543W	4232N	2641-15364	00000/0000	2-10023/1340	10/24/76	90	8937	30.0	148.5	GGGG	23	30
08544W	4559N	2480-15460	00000/0000	2-10018/1140	05/16/76	100	6692	54.6	129.6	GGGG	24	28
08544W	2853N	2728-15200	00000/0000	2-10026/0622	01/19/77	80	150	28.5	138.5	GGGG	20	40
08545W	4604N	2714-15383	00000/0000	2-10026/0257	01/05/77	60	9955	15.3	149.1	GGGG	24	28
08545W	4603N	2570-15434	00000/0000	2-10021/0992	08/14/76	40	7947	48.9	130.7	GGGG	24	28
08545W	2851N	2602-15245	00000/0000	2-10022/0931	09/15/76	10	8393	49.1	123.3	GGGG	20	40
08546W	4605N	2588-15431	00000/0000	2-10022/0361	09/01/76	60	8198	44.2	136.6	GGFG	24	28
08546W	2846N	2386-15305	00000/0000	2-10015/0807	02/12/76	40	5381	34.7	135.3	GGGG	20	40
08546W	2845N	2620-15242	00000/0000	2-10023/0410	10/03/76	20	8644	45.0	131.8	GGGG	20	40
08546W	2844N	2368-15311	00000/0000	2-10015/0179	01/25/76	70	5130	30.9	139.7	GGGG	20	40
08546W	2842N	2404-15302	00000/0000	2-10016/0619	03/01/76	60	5632	39.8	130.3	GGGG	20	40
08547W	4558N	2426-15474	00000/0000	2-10017/0855	03/23/76	70	5939	37.9	140.1	GGGG	24	28
08547W	4555N	2498-15454	00000/0000	2-10019/0500	06/03/76	10	6943	56.8	125.4	GGGG	24	28
08547W	2847N	2656-15230	00000/0000	2-10025/0098	11/08/76	0	9146	35.6	142.8	GGGG	20	40
08547W	2846N	2638-15234	00000/0000	2-10023/1232	10/21/76	40	8895	40.3	138.5	GG G	20	40
08548W	4557N	2552-15441	00000/0000	2-10021/0218	07/27/76	10	7696	52.8	125.8	GGGG	24	28
08549W	4553N	2534-15444	00000/0000	2-10020/0670	07/09/76	50	7445	55.6	122.9	GGGG	24	28
08549W	3314N	2459-15331	00000/0000	2-10018/0213	04/25/76	70	6399	54.8	116.7	GGGG	21	37
08549W	3310N	2477-15324	2-10018/1444	2-10018/1037	05/13/76	50	6650	58.1	109.4	GGG GGGG	21	37
08551W	4603N	2696-15391	00000/0000	2-10025/1330	12/18/76	70	9704	15.4	151.5	GGGG	24	28
08551W	4557N	2678-15400	00000/0000	2-10025/0792	11/30/76	40	9453	17.7	152.8	GGGG	24	28
08551W	3314N	2441-15334	00000/0000	2-10017/1109	04/07/76	10	6148	49.9	123.3	GGFG	21	37
08551W	3311N	2567-15302	00000/0000	2-10021/0872	08/11/76	10	7905	53.9	111.7	GGGG	21	37
08551W	3309N	2531-15312	00000/0000	2-10020/0565	07/06/76	70	7403	58.2	100.4	GGGG	21	37
08552W	4559N	2606-15424	00000/0000	2-10022/1158	09/19/76	60	8449	38.8	142.3	GGGG	24	28
08552W	4553N	2372-15491	00000/0000	2-10015/0045	01/29/76	60	5186	19.9	147.8	GGGG	24	28
08552W	4551N	2642-15413	00000/0000	2-10023/1323	10/25/76	90	8951	27.2	150.7	GGGG	24	28
08552W	4549N	2516-15451	00000/0000	2-10019/1325	06/21/76	10	7194	57.1	122.7	GGGG	24	28
08552W	3745N	2568-15344	00000/0000	2-10022/0008	08/12/76	10	7919	52.6	118.8	GGGG	22	34
08552W	3314N	2711-15251	00000/0000	2-10026/0189	01/02/77	100	9913	24.4	143.9	GGGG	21	37
08552W	3306N	2495-15322	00000/0000	2-10019/0386	05/31/76	20	6901	59.5	103.1	FGGG	21	37
08552W	3306N	2549-15305	00000/0000	2-10021/0115	07/24/76	10	7634	56.3	104.6	FGGG	21	37
08553W	4554N	2660-15404	00000/0000	2-10025/0219	11/12/76	80	9202	21.8	152.6	FGGG	24	28
08553W	3312N	2585-15294	00000/0000	2-10022/0049	08/29/76	40	8156	50.8	120.2	GGGG	21	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0522

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV MSS						123 45678				
08554W	4551N	2624-15421	2-10023/0547	10/07/76	30	8700	33.0	147.1	FFF	FGGG	24	28
08554W	4152N	2443-15424	00000/0000	2-10017/1147	0	6176	46.5	132.9		GGGG	23	31
08554W	4149N	2461-15420	00000/0000	2-10018/0302	60	6427	52.1	128.5		GGGG	23	31
08554W	4144N	2479-15414	00000/0000	2-10018/1076	100	6678	56.2	123.2		GGGG	23	31
08554W	3312N	2693-15255	00000/0000	2-10025/1280	80	9662	25.2	146.2		FGGG	21	37
08554W	3311N	2603-15291	00000/0000	2-10027/1050	10	8407	46.9	128.7		GGGG	21	37
08554W	3309N	2423-15342	00000/0000	2-10017/0236	90	5897	43.9	128.9		GGGG	21	37
08554W	3734N	2460-15374	00000/0000	2-10018/0241	30	6413	53.6	122.8		GGGG	22	34
08554W	3312N	2729-15243	00000/0000	2-10026/0708	30	164	25.8	140.5		GGGG	21	37
08554W	3307N	2405-15345	00000/0000	2-10016/0669	10	5647	37.8	133.6	GGG	GGGG	21	37
08554W	3302N	2513-15315	00000/0000	2-10019/1197	60	7152	59.4	99.7		FGGG	21	37
08554W	4856N	2463-15512	00000/0000	2-10018/0412	30	6455	49.0	137.4		FGGG	25	26
08554W	4546N	2390-15484	00000/0000	2-10015/1032	90	5437	24.9	145.0		GGGG	24	28
08554W	3732N	2442-15381	00000/0000	2-10017/1134	0	6162	48.3	128.3		GGGG	22	34
08554W	3306N	2621-15284	00000/0000	2-10023/0337	10	8658	42.3	136.2		FGGG	21	37
08554W	4857N	2445-15520	00000/0000	2-10017/1239	0	6204	43.2	140.3		GGGG	25	26
08554W	3733N	2586-15341	00000/0000	2-10027/0272	0	8170	48.9	126.1		GGGG	22	34
08554W	3307N	2675-15264	00000/0000	2-10026/0699	80	9411	28.0	146.9		GGGG	21	37
08554W	3304N	2639-15281	00000/0000	2-10023/1213	10	8909	37.3	142.0		GGGG	21	37
08554W	4150N	2587-15384	00000/0000	2-10027/0285	10	8184	46.7	131.5		GGGG	23	31
08554W	4149N	2713-15340	00000/0000	2-10026/0221	30	9941	18.4	147.4		GGGG	23	31
08554W	4148N	2569-15391	00000/0000	2-10021/0968	40	7933	51.0	124.8		GGGG	23	31
08554W	4141N	2497-15411	00000/0000	2-10019/0103	30	6929	58.2	118.3	FFFF		23	31
08554W	4139N	2533-15401	00000/0000	2-10020/0985	10	7431	57.0	115.7		GGGG	23	31
08554W	3723N	2532-15355	00000/0000	2-10020/0578	10	7417	57.8	108.1		GGGG	22	34
08554W	4145N	2425-15431	00000/0000	2-10017/0196	20	5925	40.1	136.5		GGGG	23	31
08554W	4145N	2605-15351	00000/0000	2-10027/1146	20	8435	41.7	138.1		GGGG	23	31
08554W	4143N	2551-15394	00000/0000	2-10021/0178	10	7682	54.5	119.1		GGGG	23	31
08554W	3731N	2712-15294	00000/0000	2-10026/0200	100	9927	21.4	145.7		GGGG	22	34
08554W	3725N	2550-15352	00000/0000	2-10021/0267	40	7668	55.7	111.9		GGGG	22	34
08554W	3721N	2496-15364	00000/0000	2-10019/0478	70	6915	59.1	110.7		FGGG	22	34
08554W	3721N	2514-15362	00000/0000	2-10019/1249	90	7166	59.1	107.6		GGGG	22	34
08554W	3719N	2478-15371	00000/0000	2-10018/0870	90	6664	57.4	116.2		GGGG	22	34
08554W	3304N	2657-15272	00000/0000	2-10025/0137	10	9160	32.3	145.5		GGGG	21	37
08554W	3302N	2369-15354	00000/0000	2-10015/0128	100	5144	28.3	141.8		GGGG	21	37

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0523

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08600w	4855N	2571-15483	00000/0000	2-10021/1035	08/15/76	20	7961	47.2	134.6	GGGG		25	26
08600w	4848N	2481-15510	00000/0000	2-10018/1171	05/17/76	90	6706	53.4	133.7	GGGG		25	26
08600w	3729N	2730-15230	00000/0000	2-10026/0733	01/21/77	40	178	23.1	142.4	GGGG		22	34
08600w	3728N	2694-15302	00000/0000	2-10025/1377	12/16/76	20	9676	22.0	148.0	GGGG		22	34
08600w	3301N	2357-15352	00000/0000	2-10015/0762	02/13/76	90	5395	32.4	137.9	GGGG		21	37
08601w	4147N	2695-15345	00000/0000	2-10025/1318	12/17/76	40	9690	18.7	149.8	GGGG		23	31
08601w	4146N	2731-15332	00000/0000	2-10026/0717	01/22/77	10	192	20.4	144.3	GGGG		23	31
08601w	4136N	2515-15404	00000/0000	2-10019/1117	06/20/76	10	7180	58.4	115.3	GGGG		23	31
08601w	3728N	2676-15311	00000/0000	2-10025/0711	11/28/76	90	9425	24.6	149.0	GGGG		22	34
08601w	3727N	2406-15392	00000/0000	2-10016/0701	03/03/76	80	5660	35.7	136.7	GGG	GFGG	22	34
08601w	3727N	2604-15334	00000/0000	2-10022/1109	09/17/76	10	8421	44.5	133.6	GGGG		27	34
08601w	2727N	2476-15284	00000/0000	2-10018/0979	05/12/76	40	6636	58.4	99.8	GGGG		20	41
08602w	4854N	2715-15432	00000/0000	2-10026/0337	01/06/77	90	9969	13.2	150.2	GGGG		25	26
08602w	4850N	2427-15523	00000/0000	2-10017/0434	03/24/76	90	5953	36.5	142.5	GGGG		25	26
08602w	4848N	2589-15480	2-10022/1481	2-10022/0374	09/02/76	10	8212	42.3	139.8	GGG	FGGG	25	26
08602w	4141N	2677-15353	00000/0000	2-10025/0743	11/29/76	40	9439	21.2	150.9	GGGG		23	31
08602w	4140N	2659-15352	00000/0000	2-10025/0208	11/11/76	70	9188	25.4	150.4	GGGG		23	31
08602w	2729N	2566-15261	00000/0000	2-10021/0817	08/10/76	20	7891	54.7	102.5	GGGG		20	41
08603w	4852N	2697-15441	00000/0000	2-10025/1385	12/19/76	90	9718	13.1	152.6	GGGG		25	26
08603w	4848N	2553-15490	00000/0000	2-10021/0287	07/28/76	40	7710	51.4	130.1	GGGG		25	26
08603w	2724N	2548-15265	00000/0000	2-10021/0103	07/23/76	60	7640	56.4	94.9	GGGG		20	41
08604w	4845N	2679-15445	00000/0000	2-10025/0802	12/01/76	20	9467	15.3	154.0	GGGG		25	26
08604w	4844N	2499-15503	00000/0000	2-10019/0544	06/04/76	0	6957	55.7	129.9	GGGG		25	26
08604w	4132N	2389-15442	00000/0000	2-10015/0948	02/15/76	90	5423	27.5	142.7	GGGG		23	31
08604w	2730N	2584-15254	00000/0000	2-10022/0234	08/28/76	40	8142	52.6	111.9	GGGG		20	41
08604w	2724N	2494-15231	00000/0000	2-10019/0374	05/30/76	10	6887	59.3	92.9	GGGG		20	41
08604w	2722N	2530-15272	00000/0000	2-10020/0553	07/05/76	30	7389	57.7	90.3	GGFF		20	41
08604w	2720N	2512-15275	00000/0000	2-10019/1172	06/17/76	50	7138	58.8	89.5	GGGG		20	41
08605w	4847N	2607-15473	00000/0000	2-10022/1196	09/20/76	10	8463	36.6	145.0	GGGG		25	26
08605w	4842N	2535-15493	00000/0000	2-10020/0726	07/10/76	70	7459	54.4	127.5	GGFG		25	26
08605w	4137N	2623-15374	00000/0000	2-10023/0521	10/06/76	90	8686	36.3	143.3	GFGG		23	31
08605w	3723N	2622-15331	00000/0000	2-10023/0492	10/05/76	30	8672	39.4	140.2	GGGG		22	34
08605w	3721N	2658-15315	00000/0000	2-10025/0168	11/10/76	0	9174	28.9	148.0	GGGG		22	34
08605w	3718N	2388-15395	00000/0000	2-10016/0921	02/14/76	30	5409	30.0	140.3	GGGG		22	34
08606w	4133N	2371-15444	00000/0000	2-10015/0244	01/28/76	100	5172	22.8	145.8	GGGG		23	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0524

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RLLI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08606W	3715N	2370-15401	00000/0000	2-10015/0231	01/27/76	30	5158	25.6	143.9	GGGG		22	34
08606W	2729N	2692-15215	00000/0000	2-10025/1253	12/14/76	100	9648	29.4	143.5	GGGG		20	41
08606W	2723N	2422-15301	00000/0000	2-10017/0224	03/19/76	30	5883	46.1	123.3	GGGG		20	41
08607W	4844N	2625-15470	00000/0000	2-10023/0612	10/08/76	90	8714	30.6	149.4	GGGG		25	26
08607W	4838N	2517-15501	00000/0000	2-10019/1365	06/22/76	10	7208	56.0	127.4	GGGG		25	26
08608W	4841N	2643-15462	00000/0000	2-10023/1379	10/26/76	90	8965	24.7	152.5	FGGG		25	26
08608W	4840N	2409-15531	00000/0000	2-10016/0810	03/06/76	30	5702	29.6	144.4	GGGG		25	26
08608W	4839N	2373-15540	00000/0000	2-10015/0286	01/30/76	20	5200	18.1	149.1	GGGG		25	26
08608W	2724N	2602-15251	00000/0000	2-10022/0932	09/15/76	10	8393	49.6	121.6	GGGG		20	41
08609W	4135N	2407-15435	00000/0000	2-10016/0770	03/04/76	100	5674	33.5	139.6	GGGG		23	31
08610W	2721N	2656-15232	00000/0000	2-10025/0099	11/08/76	10	9146	36.5	141.9	GGGG		20	41
08610W	2720N	2386-15312	00000/0000	2-10015/0808	02/12/76	30	5381	35.5	134.3	GGGG		20	41
08610W	2720N	2638-15240	00000/0000	2-10023/1233	10/21/76	50	8895	41.2	137.4	GGGG		20	41
08610W	2719N	2620-15244	00000/0000	2-10023/0411	10/03/76	30	8644	45.8	130.4	GGGG		20	41
08610W	2718N	2368-15314	00000/0000	2-10015/0180	01/25/76	70	5130	31.8	138.9	GGGG		20	41
08612W	4835N	2391-15534	00000/0000	2-10015/1045	02/17/76	30	5451	23.3	146.5	FGGG		25	26
08614W	4106N	2641-15371	00000/0000	2-10023/1341	10/24/76	90	8937	31.0	147.7	GGGG		23	31
08615W	4440N	2444-15473	00000/0000	2-10017/1200	04/10/76	100	6190	45.4	135.8	GGGG		24	29
08615W	3148N	2459-15333	00000/0000	2-10018/0214	04/25/76	90	6399	55.2	114.5	GGGG		21	38
08615W	3144N	2477-15331	2-10018/1445	2-10018/1038	05/13/76	30	6650	58.3	106.9	GGG		21	38
08616W	3147N	2441-15341	00000/0000	2-10017/1110	04/07/76	10	6148	50.4	121.6	GGGG		21	38
08616W	3143N	2531-15314	00000/0000	2-10020/0566	07/06/76	90	7403	58.1	97.9	GGGG		21	38
08617W	3145N	2567-15304	00000/0000	2-10021/0873	08/11/76	0	7905	54.2	109.5	GGGG		21	38
08617W	3141N	2495-15324	00000/0000	2-10019/0387	05/31/76	50	6901	59.6	100.5	GGGG		21	38
08617W	3140N	2549-15311	00000/0000	2-10021/0116	07/24/76	0	7654	56.4	102.2	GGGG		21	38
08618W	4434N	2480-15463	00000/0000	2-10018/1141	05/16/76	90	6692	55.2	127.5	GGGG		24	29
08618W	3148N	2711-15253	00000/0000	2-10026/0190	01/02/77	100	9913	25.4	143.3	GGGG		21	38
08619W	4439N	2714-15390	00000/0000	2-10026/0258	01/05/77	70	9955	16.3	148.5	GGGG		24	29
08619W	4437N	2570-15440	00000/0000	2-10021/0993	08/14/76	60	7947	49.6	128.9	GGGG		24	29
08619W	3147N	2585-15301	00000/0000	2-10022/0050	08/29/76	20	8156	51.3	118.3	GGGG		21	38
08619W	3146N	2693-15262	00000/0000	2-10025/1281	12/15/76	90	9662	26.3	145.6	GGGG		21	38
08619W	3143N	2423-15344	00000/0000	2-10017/0237	03/20/76	70	5897	44.6	127.4	FGGG		21	38
08620W	4439N	2588-15433	00000/0000	2-10022/0362	09/01/76	30	8198	45.0	135.0	FGGG		24	29
08620W	4430N	2498-15460	00000/0000	2-10019/0501	06/03/76	0	6943	57.4	123.0	FGGG		24	29
08620W	3619N	2568-15350	00000/0000	2-10022/0009	08/12/76	20	7919	53.0	116.7	GGGG		22	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR LIS  
FROM 01/22/76 TO 01/22/77

PAGE 0525

PRINCIPAL POINT 9F IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08620W	3146N	2729-15245	00000/0000	2-10026/0709	01/20/77	0	164	26.8	139.8	GGFG		21	38
08620W	3145N	2603-15294	00000/0000	2-10022/1051	09/16/76	0	8407	47.6	127.1	GGGG		21	38
08620W	3136N	2513-15321	00000/0000	2-10019/1198	06/18/76	50	7152	59.3	97.0	GGGG		21	38
08621W	4433N	2426-15480	00000/0000	2-10017/0856	03/23/76	30	5939	38.8	138.8	GGGG		24	29
08621W	4432N	2552-15444	00000/0000	2-10021/0219	07/27/76	10	7696	53.3	123.6	GGGG		24	29
08621W	3142N	2405-15351	00000/0000	2-10016/0670	03/02/76	10	5647	38.6	132.5	GGG	GGGG	21	38
08621W	3140N	2621-15291	00000/0000	2-10023/0338	10/04/76	10	8658	43.2	134.9	GGGG		21	38
08622W	4429N	2534-15451	00000/0000	2-10020/0671	07/09/76	60	7445	56.1	120.5	GGGG		24	29
08622W	3139N	2639-15283	00000/0000	2-10023/1214	10/22/76	10	8909	38.2	140.9	GGGG		21	38
08623W	3608N	2460-15380	00000/0000	2-10018/0242	04/26/76	90	6413	54.2	120.7	GF GG		22	35
08623W	3606N	2442-15383	00000/0000	2-10017/1135	04/08/76	0	6162	49.0	126.5	GGGG		22	35
08623W	3141N	2675-15271	00000/0000	2-10025/0700	11/27/76	90	9411	29.1	146.2	GGGG		21	38
08624W	4437N	2696-15394	00000/0000	2-10025/1331	12/18/76	40	9704	16.4	150.9	GGGG		24	29
08624W	4432N	2678-15403	00000/0000	2-10025/0793	11/30/76	50	9453	19.2	151.9	GGGG		23	32
08624W	4023N	2461-15423	00000/0000	2-10018/0303	04/27/76	60	6427	52.8	126.5	GGGG		22	35
08624W	3607N	2586-15344	00000/0000	2-10022/0273	08/30/76	0	8170	49.5	124.3	GGGG		22	35
08624W	3139N	2657-15275	00000/0000	2-10025/0138	11/09/76	0	9160	33.3	144.7	GGGG		21	38
08624W	3136N	2369-15351	00000/0000	2-10015/0129	01/26/76	90	5144	29.2	141.1	GGGG		21	38
08625W	4433N	2606-15430	00000/0000	2-10022/1159	09/19/76	40	8449	39.7	141.0	GGGG		24	29
08625W	4428N	2372-15433	00000/0000	2-10015/0046	01/29/76	70	5186	20.9	147.1	GF GG		24	29
08625W	4424N	2516-15454	00000/0000	2-10019/1326	06/21/76	20	7194	57.6	120.2	GGFG		24	29
08625W	4019N	2479-15420	00000/0000	2-10018/1077	05/15/76	90	6678	56.7	120.9	GGGG		23	32
08625W	3136N	2387-15354	00000/0000	2-10015/0763	02/13/76	80	5395	33.2	136.9	GF GG		21	38
08625W	2601N	2476-15290	00000/0000	2-10018/0980	05/12/76	20	6636	58.4	97.3	GGGG		20	42
08626W	4429N	2660-15411	00000/0000	2-10025/0220	11/12/76	70	9202	22.9	151.9	GGGG		24	29
08626W	4426N	2642-15415	00000/0000	2-10023/1324	10/25/76	60	8951	28.2	149.9	GGGG		24	29
08626W	3600N	2550-15354	00000/0000	2-10021/0268	07/25/76	30	7668	55.9	109.6	FGGG		22	35
08626W	3558N	2532-15361	00000/0000	2-10020/0579	07/07/76	10	7417	58.0	105.5	GGGG		22	35
08626W	3556N	2496-15371	00000/0000	2-10019/0479	06/01/76	50	6915	59.3	108.1	GGGG		22	35
08626W	3554N	2514-15364	00000/0000	2-10019/1250	06/19/76	80	7166	59.3	104.9	GGGG		22	35
08626W	3553N	2478-15374	00000/0000	2-10018/0871	05/14/76	100	6644	57.7	113.8	GGGG		22	35
08627W	3605N	2712-15300	00000/0000	2-10026/0201	01/03/77	100	9927	22.4	145.1	GGGG		22	35
08627W	3603N	2730-15292	00000/0000	2-10026/0734	01/21/77	10	178	24.1	141.7	GGGG		22	35
08627W	3602N	2694-15305	00000/0000	2-10025/1378	12/16/76	10	9676	23.1	147.4	GGGG		22	35
08628W	4426N	2624-15423	2-10023/1411	2-10023/0548	10/07/76	90	8700	34.0	146.1	FFF GGGG		24	29

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANOSAT-2  
COORDINATE LISTING

PAGE 0526

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV MSS						123 45678				
08628N	4024N	2587-15390	00000/0000	2-10027/0286	08/31/76	10	8184	47.4	129.9			
08628W	4024N	2713-15343	00000/0000	2-10026/0222	01/04/77	80	9941	19.4	146.8	GGGG	23	32
08628W	4022N	2569-15393	00000/0000	2-10021/0969	08/13/76	20	7933	51.5	122.9	GGGG	23	32
08628W	4017N	2551-15401	00000/0000	2-10021/0179	07/26/76	10	7682	54.9	116.8	GGGG	23	32
08628W	4015N	2497-15414	00000/0000	2-10019/0104	06/02/76	80	6929	58.6	115.7	GGGG	23	32
08628W	4014N	2533-15404	00000/0000	2-10020/0986	07/08/76	10	7431	57.3	113.2	GGGG	23	32
08628W	3602N	2676-15313	00000/0000	2-10025/0712	11/28/76	90	9425	25.7	148.3	GGGG	22	35
08628W	3601N	2406-15394	00000/0000	2-10016/0702	03/03/76	90	5660	36.5	135.6	GGGG	22	35
08628W	3601N	2424-15391	00000/0000	2-10017/0301	03/21/76	10	5911	42.8	131.4	GGGG	22	35
08628W	3601N	2604-15341	00000/0000	2-10027/1110	09/17/76	10	8421	45.3	132.1	GGGG	22	35
08629W	4020N	2425-15434	00000/0000	2-10017/0197	03/22/76	10	5925	40.9	135.2	GGGG	23	32
08629W	4020N	2605-15383	00000/0000	2-10027/1147	09/18/76	10	8435	42.6	136.8	GGGG	23	32
08630W	4422N	2390-15491	00000/0000	2-10015/1033	02/16/76	100	5437	25.9	144.2	FGGG	24	29
08631W	4021N	2695-15351	00000/0000	2-10025/1319	12/17/76	20	9690	19.8	149.2	GGGG	23	32
08631W	4021N	2731-15335	00000/0000	2-10026/0718	01/22/77	10	192	21.4	143.6	GGGG	23	32
08631W	4010N	2515-15411	00000/0000	2-10019/1118	06/20/76	10	7180	58.7	112.7	GGGG	23	32
08631W	3557N	2622-15333	00000/0000	2-10023/0493	10/05/76	30	8672	40.3	139.0	GGGG	22	35
08632W	4731N	2463-15515	00000/0000	2-10018/0413	04/29/76	50	6455	49.8	135.6	GGFG	25	27
08632W	4016N	2677-15350	00000/0000	2-10025/0744	11/29/76	40	9439	22.3	150.3	GGGG	23	32
08632W	4015N	2659-15364	00000/0000	2-10025/0209	11/11/76	30	9188	26.5	149.7	GGGG	23	32
08632W	3556N	2658-15322	00000/0000	2-10025/0169	11/10/76	10	9174	30.0	147.3	GGGG	22	35
08633W	3552N	2388-15401	00000/0000	2-10015/0922	02/14/76	80	5409	30.9	139.4	FGGG	22	35
08634W	4732N	2445-15522	00000/0000	2-10017/1240	04/11/76	10	6204	44.1	138.8	GGGG	25	27
08634W	4007N	2389-15444	00000/0000	2-10015/0949	02/15/76	70	5423	28.4	141.8	GGGG	23	32
08634W	3550N	2370-15404	00000/0000	2-10015/0232	01/27/76	40	5158	26.5	143.1	GGGG	22	35
08635W	4011N	2623-15380	00000/0000	2-10023/0522	10/06/76	90	8686	37.3	142.7	GGFG	23	32
08636W	4730N	2571-15455	00000/0000	2-10021/1036	08/15/76	10	7961	47.9	132.9	GGGG	25	27
08636W	4723N	2481-15512	00000/0000	2-10018/1172	05/17/76	70	6706	54.1	131.5	FGGG	25	27
08637W	4007N	2371-15450	00000/0000	2-10015/0245	01/28/76	80	5172	23.8	145.1	GGGG	23	32
08638W	4729N	2715-15435	00000/0000	2-10026/0338	01/06/77	100	9969	14.3	149.6	GGGG	25	27
08638W	4725N	2427-15530	00000/0000	2-10017/0435	03/24/76	30	5953	37.4	141.2	FGGG	25	27
08638W	4009N	2407-15441	00000/0000	2-10016/0771	03/04/76	90	5674	34.4	138.6	GGGG	23	32
08639W	4723N	2589-15483	2-10022/1482	2-10022/0375	09/02/76	10	8212	43.1	138.3	GGF	25	27
08639W	3022N	2459-15340	00000/0000	2-10018/0215	04/25/76	90	6399	55.5	112.3	FGGG	21	39
08639W	3018N	2477-15333	2-10018/1446	2-10018/1039	05/13/76	20	6650	58.4	104.4	GGG	21	39

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 24, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0527

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO. / IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
08640W	4727N	2697-15443	00000/0000	2-10025/1386	12/19/76	90	3718	14.2	152.0	GGGG				25	27
08640W	4723N	2653-15493	00000/0000	2-10021/0288	07/28/76	80	7710	52.0	128.1	GGGG				25	27
08640W	4720N	2679-15452	00000/0000	2-10025/0803	12/01/76	50	9467	16.4	153.4	GGGG				25	27
08640W	3022N	2441-15343	00000/0000	2-10017/1111	04/07/76	20	6148	50.9	119.7	FGGG				21	39
08641W	4720N	2439-15510	00000/0000	2-10019/0545	06/04/76	0	6957	56.3	127.6	GGGF				25	27
08641W	4717N	2535-15500	00000/0000	2-10020/0727	07/10/76	70	7459	55.0	125.2	GGGG				25	27
08641W	3019N	2567-15311	00000/0000	2-10021/0874	08/11/76	20	7905	54.4	107.3	GGGG				21	39
08641W	3017N	2531-15321	00000/0000	2-10020/0557	07/06/76	100	7403	58.0	95.4	GGGG				21	39
08642W	4722N	2607-15480	00000/0000	2-10022/1197	09/20/76	10	8463	37.6	143.8	GGGG				25	27
08642W	4718N	2661-15460	00000/0000	2-10025/0267	11/13/76	70	9216	20.5	153.4	GGGG				25	27
08642W	3015N	2495-15331	00000/0000	2-10019/0388	05/31/76	30	6901	59.5	97.8	GGGG				21	39
08642W	3014N	2549-15314	00000/0000	2-10021/0117	07/24/76	10	7654	56.4	99.9	GGFG				21	39
08643W	4718N	2625-15472	00000/0000	2-10023/0613	10/08/76	80	8714	31.6	148.4	GGGG				25	27
08643W	4714N	2517-15503	00000/0000	2-10019/1366	06/22/76	10	7208	56.6	125.0	GGGG				25	27
08643W	3022N	2711-15260	00000/0000	2-10026/0191	01/02/77	100	9913	26.4	142.6	FGGG				21	39
08643W	3017N	2423-15351	00000/0000	2-10017/0238	03/20/76	60	5897	45.2	126.0	GGGG				21	39
08644W	4717N	2643-15464	00000/0000	2-10023/1380	10/26/76	80	8965	25.8	151.7	GGGG				25	27
08644W	4714N	2373-15542	00000/0000	2-10015/0287	01/30/76	80	5200	19.1	148.3	GGGG				25	27
08644W	3941N	2641-15372	00000/0000	2-10023/1342	10/24/76	90	8937	32.1	146.8	GGFG				23	32
08644W	3021N	2585-15303	00000/0000	2-10022/0051	08/29/76	20	8156	51.7	116.4	GGFF				21	39
08644W	3020N	2693-15264	00000/0000	2-10025/1282	12/15/76	90	9662	27.3	144.9	GGGG				21	39
08645W	4715N	2409-15533	00000/0000	2-10016/0811	03/06/76	70	5702	30.6	143.4	GGGG				25	27
08645W	3019N	2729-15252	00000/0000	2-10026/0710	01/20/77	20	164	27.7	139.1	FGGG				21	39
08645W	3011N	2513-15324	00000/0000	2-10019/1199	06/18/76	30	7152	59.2	94.4	GGGG				21	39
08646W	3019N	2603-15300	00000/0000	2-10022/1052	09/16/76	0	8407	48.3	125.5	GGGF				21	39
08646W	3016N	2405-15354	00000/0000	2-10016/0571	03/02/76	70	5647	39.3	131.3	GGG	GGGF			21	39
08646W	3014N	2621-15293	00000/0000	2-10023/0339	10/04/76	40	8658	44.0	133.6	GGGG				21	39
08647W	3454N	2568-15352	00000/0000	2-10022/0010	08/12/76	20	7919	53.4	114.6	GGGG				22	36
08647W	3013N	2639-15290	00000/0000	2-10022/1215	10/22/76	10	8909	39.2	139.9	GGGG				21	39
08648W	4710N	2391-15540	00000/0000	2-10015/1046	02/17/76	80	5451	24.3	145.7	GGGG				25	27
08648W	4314N	2444-15475	00000/0000	2-10017/1201	04/10/76	70	6190	46.1	134.3	GGGG				24	30
08648W	3015N	2675-15272	00000/0000	2-10025/0701	11/27/76	90	9411	30.1	145.4	FGGG				21	39
08648W	2435N	2476-15292	00000/0000	2-10018/0981	05/12/76	10	6636	58.3	94.8	GGGG				20	43
08649W	4313N	2462-15472	00000/0000	2-10012/0350	04/28/76	10	6441	51.8	130.1	PPP				24	30
08649W	3014N	2657-15251	00000/0000	2-10025/0139	11/09/76	10	9160	34.3	143.8	GGGG				21	39

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0528

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBL	ROLL NO./ IN RBL MSS	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBL MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08649W	3011N	2369-15363	00000/0000	2-10015/0130	01/26/76	90	5144	30.1	140.3	GGGG		21	39
08650W	4310N	2440-15465	00000/0000	2-10018/1142	05/16/76	80	6692	55.8	125.2	GGGG		24	30
08650W	3442N	2460-15383	00000/0000	2-10018/0243	04/26/76	90	6413	54.6	118.6	GGFG		22	36
08650W	3440N	2442-15390	00000/0000	2-10017/1136	04/08/76	0	6162	49.6	124.8	GGGG		22	36
08650W	3010N	2387-15361	00000/0000	2-10015/0764	02/13/76	50	5395	34.1	136.0	GFFG		21	39
08651W	4312N	2570-15443	00000/0000	2-10021/0994	08/14/76	90	7947	50.2	127.0	GGGG		24	30
08652W	4314N	2588-15440	00000/0000	2-10022/0363	09/01/76	50	8198	45.7	133.5	GFGG		24	30
08652W	4314N	2714-15392	00000/0000	2-10026/0259	01/05/77	60	9955	17.4	147.9	GGGG		24	30
08652W	4306N	2498-15463	00000/0000	2-10019/0502	06/03/76	0	6943	57.8	120.5	GGGG		24	30
08652W	3440N	2586-15350	00000/0000	2-10022/0274	08/30/76	10	8170	50.1	122.5	GGGG		22	36
08652W	3434N	2550-15361	00000/0000	2-10021/0269	07/25/76	30	7668	56.1	107.3	GGGG		22	36
08652W	3431N	2514-15371	00000/0000	2-10019/1251	06/19/76	90	7166	59.3	102.3	GGGG		24	30
08653W	4308N	2426-15483	00000/0000	2-10017/0857	03/23/76	0	5939	39.6	127.6	GGGG		24	30
08653W	4306N	2552-15450	00000/0000	2-10021/0220	07/27/76	30	7696	53.8	121.5	GGGG		24	30
08653W	3901N	2443-15433	00000/0000	2-10017/1148	04/09/76	0	6176	48.0	129.7	GGGG		23	33
08653W	3858N	2461-15425	00000/0000	2-10018/0304	04/27/76	20	6427	53.4	124.5	GGGG		22	36
08653W	3432N	2532-15364	00000/0000	2-10020/0580	07/07/76	20	7417	58.1	103.0	GGGG		22	36
08653W	3430N	2496-15373	00000/0000	2-10019/0480	06/01/76	40	6915	59.5	105.4	GGGG		22	36
08653W	3428N	2478-15380	00000/0000	2-10018/0872	05/14/76	100	6664	58.0	111.3	GGGG		22	36
08654W	3854N	2479-15423	00000/0000	2-10018/1078	05/15/76	70	6678	57.1	118.5	GGGG		23	33
08654W	3439N	2712-15303	00000/0000	2-10026/0202	01/03/77	100	9927	23.4	144.4	GPGG		22	36
08654W	3437N	2730-15235	00000/0000	2-10026/0735	01/21/77	10	178	25.0	141.0	GGGG		22	36
08654W	3436N	2694-15311	00000/0000	2-10025/1379	12/16/76	10	9676	24.1	146.8	GGGG		22	36
08655W	4304N	2534-15453	00000/0000	2-10020/0672	07/09/76	70	7445	56.5	118.2	GGGG		24	30
08655W	3436N	2406-15401	00000/0000	2-10016/0703	03/03/76	70	5660	37.3	134.5	GGG GGGF		22	36
08655W	3436N	2676-15320	00000/0000	2-10025/0713	11/28/76	90	9425	26.8	147.6	GGGG		22	36
08655W	3435N	2424-15393	00000/0000	2-10017/0302	03/21/76	10	5911	43.6	130.0	FGGG		22	36
08655W	3435N	2604-15343	00000/0000	2-10022/1111	09/17/76	30	8421	46.0	130.7	GGGG		22	36
08656W	4312N	2696-15400	00000/0000	2-10025/1332	12/18/76	20	9704	17.5	150.3	FFGG		24	30
08656W	4308N	2606-15433	00000/0000	2-10022/1160	09/19/76	50	8449	40.6	139.7	GGGG		24	30
08656W	3851N	2551-15403	00000/0000	2-10021/0180	07/26/76	0	7682	55.2	114.6	GGGG		23	33
08657W	4307N	2678-15405	00000/0000	2-10025/0794	11/30/76	60	9453	19.9	151.5	GGGG		24	30
08657W	4303N	2372-15500	00000/0000	2-10015/0047	01/29/76	60	5186	21.9	146.4	FFGG		24	30
08657W	4259N	2516-15460	00000/0000	2-10019/1327	06/21/76	70	7194	58.0	117.7	GGGG		24	30
08657W	3858N	2587-15393	00000/0000	2-10022/0287	08/31/76	20	8184	48.1	128.2	GGGG		23	33

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0529

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL PRINT OF IMAGE	SBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08657N	3858N	2713-15345	00000/0000	2-10026/0223	01/04/77	100	9941	20.4	146.2	GGGG		23	33
08657N	3857N	2569-15400	00000/0000	2-10021/0970	08/13/76	30	7933	52.0	120.9	GGGG		23	33
08657N	3850N	2497-15420	00000/0000	2-10019/0105	06/02/76	90	6929	58.9	113.2	GGGG		23	33
08657N	3848N	2533-15410	00000/0000	2-10020/0987	07/08/76	20	7431	57.5	110.7	GGGG		23	33
08657N	3432N	2622-15340	00000/0000	2-10023/0494	10/05/76	30	8672	41.2	137.8	GGGG		22	36
08658N	4304N	2660-15413	00000/0000	2-10025/0221	11/12/76	60	9202	24.0	151.2	GGGG		24	30
08658N	4302N	2642-15422	00000/0000	2-10023/1325	10/25/76	50	8951	29.3	149.0	GGGG		24	30
08658N	3854N	2425-15440	00000/0000	2-10017/0198	03/22/76	10	5925	41.7	133.9	GGGG		23	33
08658N	3854N	2605-15390	00000/0000	2-10022/1148	09/18/76	20	8435	43.4	135.4	GGFG		23	33
08658N	3429N	2640-15332	00000/0000	2-10023/1302	10/23/76	90	8923	36.0	143.2	GGFG		22	36
08659N	3855N	2695-15354	00000/0000	2-10025/1320	12/17/76	0	9690	20.8	148.6	GGFG		23	33
08659N	3430N	2658-15324	00000/0000	2-10025/0170	11/10/76	10	9174	31.0	146.5	GGGG		22	36
08659N	3426N	2388-15404	00000/0000	2-10015/0923	02/14/76	40	5409	31.8	138.5	GGGG		22	36
08700N	4300N	2624-15430	2-10023/1412	2-10023/0549	10/07/76	60	8700	35.0	145.1	GGG		24	30
08700N	3855N	2731-15341	00000/0000	2-10026/0719	01/22/77	0	192	22.3	142.9	GGGG		23	33
08700N	3845N	2515-15413	00000/0000	2-10019/1119	06/20/76	40	7180	58.9	110.1	FFGF		23	33
08701N	3850N	2659-15371	00000/0000	2-10025/0210	11/11/76	70	9188	27.5	148.9	GGGG		23	33
08701N	3424N	2370-15410	00000/0000	2-10015/0233	01/27/76	60	5158	27.5	142.4	GGGG		22	36
08702N	4257N	2390-15493	00000/0000	2-10015/1034	02/16/76	100	5437	26.9	143.3	GGGF		24	30
08702N	3851N	2677-15362	00000/0000	2-10025/0745	11/29/76	40	9439	23.4	149.6	GGGG		23	33
08703N	3842N	2389-15451	00000/0000	2-10015/0950	02/15/76	80	5423	29.3	141.0	GGGG		23	33
08704N	3846N	2623-15333	00000/0000	2-10023/0523	10/06/76	90	8686	38.2	141.6	GGFG		23	33
08704N	2856N	2441-15350	00000/0000	2-10017/1112	04/07/76	20	6148	51.4	117.8	GGFG		21	40
08704N	2856N	2459-15342	00000/0000	2-10018/0716	04/25/76	70	6399	55.8	110.1	GGFG		21	40
08704N	2852N	2477-15340	2-10018/1447	2-10018/1040	05/13/76	10	6650	58.5	101.9	GGG		21	40
08705N	2851N	2531-15323	00000/0000	2-10020/0568	07/06/76	70	7403	57.9	92.9	GGGG		21	40
08706N	3842N	2371-15453	00000/0000	2-10015/0246	01/28/76	40	5172	24.8	144.4	GGGG		23	33
08706N	2854N	2557-15313	00000/0000	2-10021/0875	08/11/76	30	7905	54.5	105.2	GGGG		21	40
08706N	2848N	2549-15320	00000/0000	2-10021/0118	07/24/76	10	7654	56.4	97.5	GGGG		21	40
08707N	3844N	2407-15444	00000/0000	2-10016/0772	03/04/76	20	5674	35.2	137.5	GGGG		23	33
08707N	2849N	2495-15333	00000/0000	2-10019/0389	05/31/76	10	6901	59.4	95.2	GGFG		21	40
08708N	2855N	2545-15310	00000/0000	2-10022/0052	08/29/76	30	8156	52.1	114.4	GGGG		21	40
08708N	2854N	2693-15271	00000/0000	2-10025/1283	12/15/76	90	9662	28.3	144.2	GGGG		21	40
08708N	2851N	2423-15353	00000/0000	2-10017/0239	03/20/76	40	5897	45.9	124.5	GGG		21	40
08709N	4607N	2445-15525	00000/0000	2-10017/1241	04/11/76	10	6204	44.9	137.2	GGGS		25	28

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=RANGE NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0530

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ERRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ERRIT PATH NUM.	FRAME RBV NUM.
08710W	2852N	2603-15303	00000/0000	2-10022/1053	09/16/76	10	8407	48.9	123.9				40
08710W	2847N	2621-15300	00000/0000	2-10023/0340	10/04/76	30	8658	44.8	132.3				40
08711W	4605N	2571-15492	00000/0000	2-10021/1037	08/15/76	30	7961	48.6	131.1				28
08711W	4558N	2481-15515	00000/0000	2-10018/1173	05/17/76	50	6706	54.8	129.4				28
08711W	2851N	2405-15360	00000/0000	2-10016/0672	03/02/76	20	5646	40.1	130.1	GGG	GFFG		40
08712W	4604N	2715-15441	00000/0000	2-10026/0339	01/06/77	90	9969	15.3	148.9		GFFG		28
08712W	3815N	2641-15380	00000/0000	2-10023/1343	10/24/76	100	8937	33.1	145.9		GGGG		33
08712W	2849N	2675-15280	00000/0000	2-10025/0702	11/27/76	90	9411	31.2	144.7		GGGG		40
08712W	2848N	2657-15284	00000/0000	2-10025/0140	11/09/76	10	9160	35.3	143.0		GGGG		40
08712W	2847N	2639-15292	00000/0000	2-10023/1216	10/22/76	10	8909	40.1	138.8		GFFG		40
08713W	4559N	2427-15532	00000/0000	2-10017/0436	03/24/76	30	5953	38.3	140.0		GFFG		28
08713W	3328N	2568-15355	00000/0000	2-10022/0011	08/12/76	10	7919	53.7	112.5		GGGG		37
08713W	2845N	2369-15370	00000/0000	2-10015/0131	01/26/76	100	5144	31.1	139.5		GGGG		40
08714W	4558N	2599-15485	2-10022/1483	2-10022/0376	09/02/76	10	8212	43.9	136.8	GGG	GGGG		28
08714W	2844N	2387-15363	00000/0000	2-10015/0765	02/13/76	50	5395	34.9	135.0		FFFG		40
08715W	4602N	2697-15450	00000/0000	2-10025/1387	12/19/76	90	9718	15.3	151.4		GGGG		28
08715W	4558N	2553-15495	00000/0000	2-10021/0289	17/28/76	90	7710	52.6	126.0		GGGG		28
08715W	4552N	2635-15502	00000/0000	2-10020/0728	07/10/76	40	7459	55.5	122.9		GGGF		28
08716W	4555N	2499-15512	00000/0000	2-10019/0546	06/04/76	0	6957	56.9	125.2		GGGF		28
08716W	4555N	2679-15454	00000/0000	2-10025/0804	12/01/76	30	9467	17.5	152.7		GGGG		28
08716W	3315N	2442-15392	00000/0000	2-10017/1137	04/08/76	40	6162	50.2	123.0		GGGG		37
08716W	3315N	2460-15345	00000/0000	2-10018/0244	04/26/76	90	6413	55.0	116.4		GGGG		37
08717W	4556N	2607-15442	00000/0000	2-10022/1198	09/20/76	20	8463	38.5	142.5		GGGG		28
08717W	4554N	2661-15463	00000/0000	2-10025/0268	11/13/76	10	9216	21.6	152.7		GGGG		28
08718W	4554N	2625-15475	00000/0000	2-10023/0614	10/08/76	70	8714	32.6	147.4		GGGG		28
08718W	4549N	2517-15510	00000/0000	2-10019/1367	06/22/76	40	7208	57.1	122.6		GGGG		28
08718W	3314N	2586-15352	00000/0000	2-10022/0275	08/30/76	40	8170	50.6	120.7		GGGG		37
08718W	3308N	2550-15363	00000/0000	2-10021/0270	07/25/76	10	7668	56.2	104.9		GGGG		37
08718W	3305N	2514-15373	00000/0000	2-10019/1252	06/19/76	90	7166	59.3	99.6		GGGG		37
08719W	4552N	2643-15471	00000/0000	2-10023/1381	10/26/76	60	8965	26.8	150.8		GGGG		28
08719W	4550N	2373-15545	00000/0000	2-10020/0288	01/30/76	40	5200	20.2	147.6		GFFG		28
08719W	3306N	2532-15370	00000/0000	2-10020/0581	07/07/76	10	7417	58.1	100.5		GGGG		37
08719W	3305N	2496-15340	00000/0000	2-10019/0481	06/01/76	70	6915	59.6	102.8		GGGG		37
08719W	3302N	2478-15343	00000/0000	2-10018/0873	05/14/76	100	6664	58.3	108.8		GGGG		37
08720W	4550N	2439-15540	00000/0000	2-10016/0812	03/06/76	50	5702	31.5	142.4		GGGG		28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR LIS  
FROM 01/22/76 TO 01/22/77

PAGE 0531

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08720N	4148N	2444-15482	00000/0000	2-10017/1202	04/10/76	10	6190	46.9	132.7				31
08720N	3313N	2712-15305	00000/0000	2-10026/0203	01/03/77	100	9927	24.4	143.8	GGGG		22	37
08720N	3311N	2730-15301	00000/0000	2-10026/0736	01/21/77	0	178	26.0	140.3	GGGG		22	37
08720N	3310N	2694-15314	00000/0000	2-10025/1380	12/16/76	20	9676	25.2	146.1	GGGG		22	37
08720N	3309N	2424-15400	00000/0000	2-10017/0303	03/21/76	10	5911	44.3	128.6	GGGG		22	37
08721N	4858N	2446-15574	00000/0000	2-10017/0961	04/12/76	10	6218	43.5	140.2	GGGG		26	26
08721N	4148N	2462-15475	00000/0000	2-10018/0351	04/28/76	20	6441	52.4	128.2	FFF		24	31
08721N	4145N	2480-15472	00000/0000	2-10018/1143	05/16/76	40	6692	56.3	122.9	GGGG		24	31
08721N	3735N	2443-15435	00000/0000	2-10017/1149	04/09/76	0	6176	48.6	128.0	GGGG		23	34
08721N	3310N	2406-15400	00000/0000	2-10016/0704	03/03/76	90	5660	38.1	133.4	GGG	GGGG	22	37
08721N	3310N	2676-15322	00000/0000	2-10025/0714	11/28/76	90	9425	27.8	146.9	GGGG	GGGG	22	37
08721N	3309N	2604-15350	00000/0000	2-10022/1112	07/17/76	10	8421	46.7	129.1	GGGG	GGGG	22	37
08722N	4855N	2464-15571	00000/0000	2-10018/0425	04/30/76	40	6469	49.3	137.2	GGGG		26	26
08722N	4148N	2570-15445	00000/0000	2-10021/0995	08/14/76	70	7947	50.8	125.1	GGGG		24	31
08722N	3732N	2461-15432	00000/0000	2-10018/0305	04/27/76	10	6427	53.9	122.4	GGGG		23	34
08722N	3728N	2479-15425	00000/0000	2-10018/1079	05/15/76	40	6678	57.5	116.1	GGGG		23	34
08723N	4545N	2391-15543	00000/0000	2-10015/1047	02/17/76	90	5451	25.3	144.9	GGGG		25	28
08723N	4148N	2588-15442	2-10022/1474	2-10022/0364	09/01/76	80	8198	46.5	131.9	GG	GFGF	24	31
08723N	4148N	2714-15395	2-10026/0870	2-10026/0260	01/05/77	40	9955	18.5	147.2	GGG	GGGG	24	31
08723N	4144N	2678-15411	2-10025/1639	00000/0000	11/30/76	30	9453	21.0	150.9	GGG		24	31
08723N	3306N	2622-15342	00000/0000	2-10023/0495	10/05/76	20	8672	42.1	136.6		GGGG	22	37
08724N	4143N	2426-15485	00000/0000	2-10017/0858	03/23/76	0	5539	40.5	136.3		FFGG	24	31
08724N	4141N	2498-15465	00000/0000	2-10019/0503	06/03/76	0	6943	58.3	118.0		GGPG	24	31
08724N	4141N	2552-15453	00000/0000	2-10021/0221	07/27/76	50	7696	54.3	119.3		GGGG	24	31
08724N	3726N	2551-15410	00000/0000	2-10021/0181	07/26/76	10	7682	55.5	112.3		GGGG	23	34
08724N	3304N	2640-15335	00000/0000	2-10023/1303	10/23/76	60	8923	37.0	142.2		GGGG	22	37
08725N	3732N	2587-15395	00000/0000	2-10022/0288	08/31/76	10	8184	48.7	126.5		GGGG	23	34
08725N	3731N	2569-15402	00000/0000	2-10021/0971	08/13/76	30	7933	52.5	118.9		FGGG	23	34
08725N	3731N	2713-15352	00000/0000	2-10026/0224	01/04/77	100	9941	21.4	145.5		GGG	23	34
08725N	3724N	2497-15423	00000/0000	2-10019/0106	06/02/76	100	6929	59.2	110.5		GGGG	23	34
08725N	3723N	2533-15413	00000/0000	2-10020/0988	07/08/76	40	7431	57.7	108.2		GGGG	23	34
08725N	3305N	2658-15331	00000/0000	2-10025/0171	11/10/76	40	9174	32.0	145.7		GGGG	22	37
08725N	3300N	2348-15410	00000/0000	2-10015/0924	02/14/76	30	5409	32.6	137.6		GGGG	22	37
08726N	4848N	2482-15564	00000/0000	2-10018/1198	05/18/76	10	6720	53.6	133.4		GFGF	26	26
08726N	4139N	2534-15460	00000/0000	2-10020/0673	07/09/76	40	7445	56.9	115.7		GGGG	24	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0532

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN RBL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBL NUM.
08726N	3728N	2425-15443	00000/0000	2-10017/0199	03/22/76	10	5925	42.4	132.5				
08726W	3728N	2605-15392	00000/0000	2-10022/1149	09/18/76	10	8435	44.2	134.0	GGGG		23	34
08726N	3258N	2370-15413	00000/0000	2-10015/0234	01/27/76	50	5158	28.5	141.6	GGGG		23	34
08727N	4854N	2572-15541	00000/0000	2-10021/1050	08/16/76	0	7975	47.0	134.9	GGGG		22	37
08727N	4146N	2696-15403	P-10025/1655	2-10025/1333	12/18/76	0	9704	18.6	149.7	GGF	GGGG	26	26
08727W	4142N	2606-15435	00000/0000	2-10022/1161	09/19/76	30	8449	41.5	138.4	GGGG		24	31
08727N	4138N	2372-15502	00000/0000	2-10015/0048	01/29/76	20	5186	22.9	145.7	GGGG		24	31
08727W	2730N	2459-15345	00000/0000	2-10018/0217	04/25/76	40	6399	56.0	107.8	GFGG	GGGG	24	31
08727N	2726N	2477-15342	P-10018/1448	2-10018/1041	05/13/76	20	6650	58.5	99.3	GGG	GGGG	21	41
08728W	4855N	2590-15534	00000/0000	2-10022/0426	09/03/76	60	8226	41.9	140.2	GGGG		21	41
08728W	4141N	2678-15412	00000/0000	2-10025/0795	11/30/76	20	9453	21.0	150.9	GGGG		26	26
08728W	4137N	2642-15424	P-10023/1426	2-10023/1326	10/25/76	90	8951	30.4	148.1	GGG	GGGG	24	31
08728N	4135N	2516-15467	00000/0000	2-10019/1328	06/21/76	90	7194	58.3	115.2	GGGG		24	31
08728W	3729N	2695-15360	00000/0000	2-10025/1321	12/17/76	0	9690	21.9	148.0	GGGG		24	31
08728N	3729N	2731-15344	00000/0000	2-10026/0720	01/22/77	0	192	23.3	142.2	GGGG		23	34
08728W	3720N	2515-15420	00000/0000	2-10019/1120	06/20/76	30	7180	59.1	107.5	GGGG		23	34
08728W	2730N	2441-15352	00000/0000	2-10017/1113	04/07/76	80	6148	51.8	115.9	GFGG		23	34
08729W	4851N	2698-15495	00000/0000	2-10025/1409	12/20/76	20	9732	13.1	152.5	GGGG		21	41
08729W	4845N	2536-15552	00000/0000	2-10020/0710	07/11/76	90	7473	54.3	127.6	GGGG		26	26
08729N	2726N	2531-15330	00000/0000	2-10020/0569	07/06/76	30	7403	57.7	90.5	GGGG		26	26
08730N	4850N	2428-15581	00000/0000	2-10017/0462	03/25/76	90	5967	36.9	142.4	GGGG		21	41
08730N	4844N	2500-15561	00000/0000	2-10019/0618	06/05/76	10	6971	55.8	129.7	GGGG		26	26
08730W	4139N	2660-15420	P-10025/1630	2-10025/0222	11/12/76	20	9202	25.1	150.5	FGGG		26	26
08730W	4135N	2624-15432	P-10023/1413	2-10023/0550	10/07/76	50	8700	36.0	144.0	GGG	GGGG	24	31
08730W	3725N	2659-15373	00000/0000	2-10025/0211	11/11/76	90	9188	28.6	148.2	GGG	GGGG	24	31
08730W	3725N	2677-15365	00000/0000	2-10025/0746	11/29/76	20	9439	24.4	149.0	GGGG		23	34
08730W	2728N	2567-15320	00000/0000	2-10021/0876	08/11/76	20	7905	54.6	103.0	GGGG		23	34
08730N	2722N	2495-15340	00000/0000	2-10019/0390	05/31/76	10	6901	59.3	92.6	GGGG		21	41
08730W	2722N	2549-15323	00000/0000	2-10021/0119	07/24/76	10	7654	56.3	95.2	GGGG		21	41
08731N	3720N	2623-15385	00000/0000	2-10023/0524	10/06/76	90	8686	39.1	140.5	GGGG		21	41
08731W	2728N	2585-15312	00000/0000	2-10022/0053	08/29/76	50	8156	52.4	112.4	GFGG		23	34
08732N	4841N	2518-15555	00000/0000	2-10019/1352	06/23/76	50	7222	55.9	127.4	GGGG		21	41
08732N	4132N	2390-15500	00000/0000	2-10015/1035	02/16/76	100	5437	27.8	142.5	GGGG		26	26
08732W	3717N	2389-15453	00000/0000	2-10015/0951	02/15/76	70	5423	30.3	140.1	PGPG		24	31
08732W	2728N	2693-15273	00000/0000	2-10025/1284	12/15/76	80	9662	29.3	143.4	GGGG		23	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0533

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN RBLI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08732N	2728N	2423-1536N	00000/0000	2-10017/0240	03/20/76	20	5897	46.4	122.9	GGFF		21	41
08733N	4848N	2608-15531	00000/0000	2-10022/1085	09/21/76	90	8477	36.2	145.3	GGFG		26	26
08733N	4845N	2626-15524	00000/0000	2-10023/0834	10/09/76	30	8728	30.2	149.6	GGGG		26	26
08733N	4843N	2662-15512	00000/0000	2-10025/0300	11/14/76	60	9230	19.1	154.1	GGGG		26	26
08733N	4842N	2410-15585	00000/0000	2-10014/0836	03/07/76	70	5716	30.0	144.3	GGGG		26	26
08733N	4841N	2392-15592	00000/0000	2-10016/0069	02/18/76	100	5465	23.6	146.5	FGGG		26	26
08734N	4841N	2644-15520	00000/0000	2-10024/0011	10/27/76	30	8979	24.3	152.6	GGGG		26	26
08734N	3716N	2371-15455	00000/0000	2-10015/0247	01/28/76	40	5172	25.8	143.7	GGGG		23	34
08734N	2726N	2603-15305	00000/0000	2-10022/1054	09/16/76	20	8407	49.4	122.2	GGGG		21	41
08734N	2725N	2405-15363	00000/0000	2-10016/0673	03/02/76	10	5646	40.8	128.9	GGFF	3G	21	41
08734N	2721N	2621-15302	00000/0000	2-10023/0341	10/04/76	50	8658	45.5	130.9	FGGG		21	41
08735N	3719N	2407-15450	00000/0000	2-10016/0773	03/04/76	20	5674	36.1	136.4	GGGG		23	34
08736N	2723N	2675-15282	00000/0000	2-10025/0703	11/27/76	70	9411	32.2	143.9	GGGG		21	41
08736N	2722N	2657-15290	00000/0000	2-10025/0141	11/09/76	10	9160	36.3	142.0	GGGG		21	41
08736N	2721N	2639-15295	00000/0000	2-10023/1217	10/22/76	10	8909	41.0	137.7	GGGG		21	41
08737N	2719N	2369-15372	00000/0000	2-10015/0132	01/26/76	90	5144	32.0	138.6	GGFG		21	41
08737N	2718N	2387-15370	00000/0000	2-10015/0766	02/13/76	30	5395	35.7	134.0	FGFF		21	41
08738N	3202N	2568-15362	00000/0000	2-10022/0012	08/12/76	10	7919	54.0	110.4	GGGG		22	38
08740N	3650N	2641-15382	00000/0000	2-10023/1344	10/24/76	100	8937	34.1	145.0	FGGG		23	34
08741N	3149N	2442-15395	00000/0000	2-10017/1138	04/08/76	70	6162	50.7	121.2	GGGG		22	38
08741N	3149N	2460-15392	00000/0000	2-10018/0245	04/26/76	80	6413	55.4	114.2	FGFG		22	38
08742N	4442N	2445-15531	00000/0000	2-10017/1242	04/11/76	10	6204	45.7	135.7	GGGG		25	29
08743N	3147N	2586-15355	00000/0000	2-10022/0276	08/30/76	20	8170	51.1	118.8	GGGG		22	38
08744N	4439N	2571-15494	00000/0000	2-10021/1038	08/15/76	30	7961	49.3	129.3	GGGG		25	29
08744N	3142N	2550-15370	00000/0000	2-10021/0271	07/25/76	10	7668	56.3	102.6	GGGG		22	38
08744N	3140N	2496-15332	00000/0000	2-10019/0482	06/01/76	60	6915	59.6	100.1	GGGG		22	38
08744N	3139N	2514-15380	00000/0000	2-10019/1253	06/19/76	80	7166	59.3	97.0	GGGF		22	38
08744N	3139N	2532-15373	00000/0000	2-10020/0582	07/07/76	50	7417	58.1	98.0	GGGG		22	38
08745N	4433N	2481-15521	00000/0000	2-10018/1174	05/17/76	20	6706	55.4	127.2	GGGG		25	29
08745N	3147N	2712-15312	00000/0000	2-10026/0204	01/03/77	90	9927	25.4	143.1	GGPG		22	38
08745N	3136N	2478-15385	00000/0000	2-10018/0874	05/14/76	100	6664	58.4	106.3	GGGG		22	38
08746N	4439N	2715-15444	00000/0000	2-10026/0340	01/06/77	50	9969	16.4	148.3	FGGG		25	29
08746N	3145N	2730-15304	00000/0000	2-10026/0737	01/21/77	0	178	26.9	139.6	FGGG		22	38
08746N	3144N	2405-15410	00000/0000	2-10016/0705	03/03/76	90	5660	38.9	132.3	GGG GGGG		22	38
08746N	3144N	2676-15325	00000/0000	2-10025/0715	11/28/76	90	9425	28.9	146.2	GGGG		22	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0534

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08746N	3144N	2694-15320	00000/0000	2-10025/1381	12/16/76	10	9676	26.2	145.5	FGGG	22	38
08746N	3143N	2424-15402	00000/0000	2-10017/0304	03/21/76	30	5911	44.9	127.2	GGGG	22	38
08746N	3143N	2604-15352	00000/0000	2-10022/1113	09/17/76	30	8421	47.4	127.6	GGGG	22	38
08747N	4435N	2427-15535	00000/0000	2-10017/0437	03/24/76	40	5953	39.2	138.7	FFGG	25	29
08748N	4437N	2697-15452	00000/0000	2-10025/1388	12/19/76	90	9718	16.4	150.3	GGGG	25	29
08748N	4433N	2553-15502	00000/0000	2-10021/0290	07/28/76	100	7710	53.1	123.9	GGGG	25	29
08748N	4433N	2589-15492	2-10022/1484	2-10022/0377	09/02/76	20	8212	44.7	135.3	GGG	25	29
08749N	4431N	2479-15461	00000/0000	2-10025/0805	12/01/76	50	9467	18.6	152.1	GGGG	25	29
08749N	4429N	2499-15515	00000/0000	2-10019/0547	06/04/76	0	6957	57.4	122.8	GGGF	25	29
08749N	4428N	2535-15505	00000/0000	2-10020/0729	07/10/76	40	7459	56.0	120.6	GGGG	25	29
08749N	3609N	2443-15442	00000/0000	2-10017/1150	04/09/76	0	6176	49.3	126.3	GGGG	23	35
08749N	3606N	2461-15434	00000/0000	2-10018/0306	04/27/76	10	6427	54.4	120.3	GGGG	23	35
08749N	3140N	2622-15345	00000/0000	2-10023/0496	10/05/76	10	8672	42.9	135.3	GGGG	22	38
08749N	3138N	2640-15341	00000/0000	2-10023/1304	10/23/76	20	8923	37.9	141.2	GGGG	22	38
08750W	4431N	2607-15485	00000/0000	2-10022/1199	09/20/76	70	8463	39.4	141.3	GGGG	25	29
08750W	4023N	2444-15484	00000/0000	2-10017/1203	04/10/76	0	6190	47.6	131.0	GGGG	24	32
08750W	3602N	2479-15432	00000/0000	2-10018/1080	05/15/76	60	6678	57.9	113.7	GGGG	23	35
08750W	3139N	2658-15333	00000/0000	2-10025/0172	11/10/76	50	9174	33.1	144.8	GGGG	22	38
08750W	3135N	2388-15413	00000/0000	2-10015/0925	02/14/76	30	5409	33.5	136.7	FGFG	22	38
08751N	4428N	2661-15465	00000/0000	2-10025/0269	11/13/76	0	9216	22.7	152.0	GGGG	25	29
08751N	4424N	2517-15512	00000/0000	2-10019/1368	06/22/76	80	7208	57.5	120.1	GGGG	25	29
08751N	4022N	2462-15481	00000/0000	2-10018/0352	04/28/76	70	6441	53.0	126.2	GGGG	24	32
08751N	3559N	2497-15425	00000/0000	2-10019/0107	06/02/76	90	6929	59.4	107.9	GGGG	23	35
08751N	3132N	2370-15415	00000/0000	2-10015/0235	01/27/76	30	5158	29.4	140.8	GGGG	22	38
08751N	2559N	2477-15345	00000/0000	2-10018/1042	05/13/76	40	6650	58.5	96.8	GGGG	21	42
08752W	4428N	2625-15481	00000/0000	2-10023/0615	10/08/76	80	8714	33.7	146.4	GGGG	25	29
08752N	4427N	2643-15473	00000/0000	2-10023/1382	10/26/76	60	8965	27.9	150.0	GGGG	25	29
08752N	4425N	2373-15551	00000/0000	2-10015/0289	01/30/76	80	5200	21.2	146.9	FGGG	25	29
08752N	4022N	2570-15452	00000/0000	2-10021/0996	08/14/76	60	7947	51.3	123.2	GGGG	24	32
08752N	4019N	2480-15474	00000/0000	2-10018/1144	05/16/76	60	6692	56.8	120.6	GGGG	24	32
08752W	3606N	2537-15402	00000/0000	2-10022/0289	08/31/76	10	8184	49.3	124.8	GGGG	23	35
08752W	3605N	2569-15405	00000/0000	2-10021/0972	08/13/76	30	7933	52.9	116.8	GGGG	23	35
08752N	3600N	2551-15412	00000/0000	2-10021/0182	07/26/76	10	7682	55.8	110.0	FGFG	23	35
08753N	4426N	2409-15542	00000/0000	2-10016/0813	03/06/76	60	5702	32.4	141.3	GGGG	25	29
08753N	4023N	2714-15401	2-10026/0871	2-10026/0261	01/05/77	70	9955	19.5	146.6	GG	24	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANKS NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0535

PRINCIPAL POINT 9F IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	WELL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
08753W	4022N	2588-15445	P-10022/1475	2-10022/0365	09/01/76	80	8198	47.2	130.3	GGG	GGGG	24	32
08753W	3605N	2713-15354	00000/0000	2-10026/0225	01/04/77	100	9941	22.5	144.9		GGGG	23	35
08753W	3602N	2425-15445	00000/0000	2-10017/0200	03/22/76	10	5925	43.2	131.2		GGGG	23	35
08753W	3558N	2533-15415	00000/0000	2-10020/0989	07/08/76	80	7431	57.9	105.7		GGGG	23	35
08754W	4018N	2696-154	P-10025/1656	00000/0000	12/18/76	0	9704	19.7	149.1	GGG		24	32
08754W	4017N	2426-15492	00000/0000	2-10017/0859	03/23/76	0	5939	41.3	135.0		GGGG	24	32
08754W	4016N	2552-15455	00000/0000	2-10021/0222	07/27/76	90	7696	54.7	117.1		GGGG	24	32
08754W	4015N	2438-15472	00000/0000	2-10019/0504	06/03/76	20	6943	58.6	115.5		GGGG	24	32
08754W	3602N	2605-15395	00000/0000	2-10022/1150	09/18/76	20	8435	45.0	132.6		GGGG	23	35
08755W	3603N	2695-15363	00000/0000	2-10025/1322	12/17/76	0	9690	22.9	147.3		GGGG	23	35
08755W	3554N	2515-15422	00000/0000	2-10019/1121	06/20/76	10	7180	59.2	104.8		GGGG	23	35
08756W	4420N	2391-15545	00000/0000	2-10015/1048	02/17/76	70	5451	26.2	144.0		GGGG	25	29
08756W	4021N	2696-15405	00000/0000	2-10025/1334	12/18/76	0	9704	19.7	149.1		GGGG	24	32
08756W	4014N	2534-15462	00000/0000	2-10020/0674	07/09/76	20	7445	57.2	113.3		GGGG	24	32
08756W	3603N	2731-15350	00000/0000	2-10026/0721	01/22/77	0	192	24.2	141.5		GGGG	23	35
08757W	4017N	2606-15442	00000/0000	2-10022/1162	09/19/76	30	8449	42.3	137.1		GGGG	24	32
08757W	4009N	2516-15465	00000/0000	2-10019/1329	06/21/76	90	7194	58.6	112.6		GGGG	24	32
08757W	3559N	2659-15380	00000/0000	2-10025/0212	11/11/76	90	9188	29.7	147.4		GGGG	23	35
08758W	4733N	2446-15580	00000/0000	2-10017/0962	04/12/76	0	6218	44.4	138.6		GGGG	26	27
08758W	4016N	2678-15414	P-10025/1640	2-10025/0796	11/30/76	10	9453	22.1	150.3	GGG	GGGG	24	32
08758W	4013N	2372-15505	00000/0000	2-10015/0049	01/29/76	10	5186	23.9	145.0		GGGG	24	32
08758W	4009N	2660-15423	P-10025/1631	00000/0000	11/12/76	10	9202	26.2	149.7	GGG		24	32
08758W	3559N	2677-15371	00000/0000	2-10025/0747	11/29/76	10	9439	25.5	148.3		GGGG	23	35
08758W	3555N	2623-15392	00000/0000	2-10023/0525	10/06/76	90	8686	40.0	139.3		GGGG	23	35
08759W	4730N	2464-15573	00000/0000	2-10018/0426	04/30/76	50	6469	50.1	135.4		GGFG	26	27
08759W	4012N	2642-15431	P-10023/1427	2-10023/1327	10/25/76	90	8951	31.4	147.3	GGG	GGGG	24	32
08759W	3551N	2389-15460	00000/0000	2-10015/0952	02/15/76	70	5423	31.2	139.2		GGGG	23	35
08800W	4014N	2660-15422	00000/0000	2-10025/0223	11/12/76	0	9202	26.2	149.7		GGGG	24	32
08800W	4009N	2624-15435	P-10023/1414	2-10023/0551	10/07/76	70	8700	37.0	143.0	GGG	GGGG	24	32
08802W	4006N	2390-15502	00000/0000	2-10015/1036	02/16/76	100	5437	28.7	141.6		FGPG	24	32
08802W	3551N	2371-15462	00000/0000	2-10015/0248	01/28/76	10	5172	26.7	142.9		GGGG	23	35
08803W	4726N	2554-15551	00000/0000	2-10021/0302	07/29/76	30	7724	51.8	128.4		GGGG	26	27
08803W	4722N	2482-15571	00000/0000	2-10018/1199	05/18/76	0	6720	54.3	131.3		GGFG	26	27
08803W	3553N	2407-15453	00000/0000	2-10016/0774	03/04/76	10	5674	36.9	135.3		GGGG	23	35
08803W	3037N	2558-15364	00000/0000	2-10022/0013	08/12/76	20	7919	54.2	108.2		GGGG	22	39

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0536

PRINCIPAL PRINT OF IMAGE LONG LAT	SERVIATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08804N	4730N	2590-15541	00000/0000	2-10022/0427	09/03/76	30	8226	42.7	138.7	GGGG		26	27
08804N	4730N	2716-15493	00000/0000	2-10026/0317	01/07/77	70	9983	14.4	149.4	GGGG		26	27
08804N	4729N	2572-15544	00000/0000	2-10021/1051	08/16/76	0	7975	47.7	133.1	GGGG		26	27
08805N	4726N	2698-15501	00000/0000	2-10025/1410	12/20/76	80	9732	14.2	151.9	GGGG		26	27
08805N	4720N	2536-15534	00000/0000	2-10020/0711	07/11/76	90	7473	54.8	125.4	GGGG		26	27
08805N	3023N	2460-15394	00000/0000	2-10018/0246	04/26/76	20	6413	55.7	111.9	GGGG		22	39
08806N	4725N	2428-15534	00000/0000	2-10017/0463	03/25/76	70	5967	37.8	141.1	GGGG		26	27
08806N	3023N	2442-15401	00000/0000	2-10017/1139	04/08/76	20	6162	51.2	119.4	GGGG		22	39
08807N	4719N	2500-15564	00000/0000	2-10019/0619	06/05/76	10	6971	56.4	127.4	GFFG		26	27
08807N	3524N	2641-15385	00000/0000	2-10023/1345	10/24/76	100	8937	35.1	144.1	FGFF		23	35
08808N	4717N	2518-15561	00000/0000	2-10013/1353	06/23/76	10	7222	56.5	125.0	FGGG		26	27
08808N	3022N	2586-15362	00000/0000	2-10020/0277	08/30/76	10	8170	51.5	116.9	FGGG		22	39
08808N	3013N	2532-15375	00000/0000	2-10020/0583	07/07/76	70	7417	58.0	95.5	GGGG		22	39
08809N	4723N	2608-15534	00000/0000	2-10022/1086	09/21/76	90	8477	37.2	144.1	GGFG		26	27
08809N	4717N	2410-15591	00000/0000	2-10016/0837	03/07/76	90	5716	30.9	143.3	GGGG		26	27
08809N	3016N	2550-15372	00000/0000	2-10021/0272	07/25/76	30	7668	56.3	100.2	GGGG		22	39
08809N	3014N	2496-15385	00000/0000	2-10019/0483	06/01/76	40	6915	59.6	97.5	GGGG		22	39
08809N	3013N	2514-15382	00000/0000	2-10019/1254	06/19/76	80	7166	59.2	94.4	GGGG		22	39
08810N	4720N	2626-15530	00000/0000	2-10023/0835	10/09/76	70	8728	31.3	148.6	GGGG		26	27
08810N	4718N	2662-15514	00000/0000	2-10025/0301	11/14/76	10	9230	20.2	153.4	GGGF		26	27
08810N	4717N	2392-15594	00000/0000	2-10016/0070	02/18/76	100	5465	24.5	145.6	FGGG		26	27
08810N	3021N	2712-15314	00000/0000	2-10026/0205	01/03/77	90	9927	26.4	142.4	GGGG		22	39
08810N	3019N	2730-15310	00000/0000	2-10026/0738	01/21/77	0	178	27.8	138.8	GGGG		22	39
08810N	3018N	2424-15405	00000/0000	2-10017/0305	03/21/76	70	5911	45.6	125.7	GGGG		22	39
08810N	3010N	2478-15392	00000/0000	2-10018/0875	05/14/76	100	6664	58.6	103.8	GGGG		22	39
08811N	4716N	2644-15522	00000/0000	2-10024/0012	10/27/76	50	8979	25.4	151.8	GGGG		26	27
08811N	3018N	2406-15412	00000/0000	00000/0000	03/03/76	90	5660	39.6	131.1	GGG		22	39
08811N	3018N	2676-15331	00000/0000	2-10025/0716	11/28/76	90	9425	29.9	145.5	GGGG		22	39
08811N	3018N	2694-15322	00000/0000	2-10025/1382	12/16/76	20	9676	27.2	144.8	GGGG		22	39
08812N	3016N	2604-15355	00000/0000	2-10022/1114	09/17/76	30	8421	48.0	126.0	FGGG		22	39
08814N	4317N	2445-15534	00000/0000	2-10017/1243	04/11/76	10	6204	46.5	134.1	GGGG		25	30
08814N	4316N	2463-15530	00000/0000	2-10018/0414	04/29/76	10	6455	52.0	129.9	GFFG		25	30
08814N	3014N	2622-15351	00000/0000	2-10023/0497	10/05/76	30	8672	43.7	134.0	GGGG		22	39
08814N	3013N	2640-15344	00000/0000	2-10023/1305	10/23/76	10	8923	38.9	140.2	GGGG		22	39
08815N	3013N	2658-15340	00000/0000	2-10025/0173	11/10/76	70	9174	34.1	144.0	GGGG		22	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0537

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08815w	3009N	2388-15415	00000/0000	2-10015/0926	02/14/76	40	5409	34.4	135.7	FGGG		22	39
08816w	4314N	2571-15501	00000/0000	2-10021/1039	08/15/76	20	7961	50.0	127.4	GGGG		25	30
08816w	3443N	2443-15444	00000/0000	2-10017/1151	04/09/76	0	6176	49.9	124.5	GGGG		23	36
08816w	3440N	2461-15441	00000/0000	2-10018/0307	04/27/76	10	6427	54.9	118.1	GGGG		23	36
08816w	3006N	2370-15422	00000/0000	2-10015/0236	01/27/76	50	5158	30.3	140.0	GFFG		22	39
08817w	3436N	2479-15434	00000/0000	2-10018/1081	05/15/76	80	6678	58.1	111.2	GGGG		23	36
08817w	4314N	2715-15450	00000/0000	2-10026/0341	01/06/77	40	9969	17.4	147.7	GGGG		25	30
08818w	4307N	2431-15524	00000/0000	2-10018/1175	05/17/76	40	6706	56.0	124.9	GGGG		25	30
08818w	3439N	2569-15411	00000/0000	2-10021/0973	08/13/76	20	7933	53.3	114.7	GGGG		23	36
08818w	3433N	2497-15432	00000/0000	2-10019/0108	06/02/76	90	6929	59.5	105.3	GGGG		23	36
08819w	4310N	2427-15541	00000/0000	2-10017/0438	03/24/76	40	5953	40.0	137.4	GFFF		25	30
08819w	3857N	2444-15491	00000/0000	2-10017/1204	04/10/76	0	6190	48.3	129.4	GGGG		24	33
08819w	3856N	2462-15484	00000/0000	2-10017/0348	04/28/76	90	6441	53.6	124.1	F		24	33
08819w	3440N	2537-15404	00000/0000	2-10022/0290	08/31/76	20	8184	49.9	123.0	GGGF		23	36
08819w	3434N	2551-15415	00000/0000	2-10021/0183	07/26/76	10	7682	56.0	107.7	GGGG		23	36
08819w	3432N	2533-15422	00000/0000	2-10020/0990	07/08/76	10	7431	58.0	103.2	GGGG		23	36
08820w	4309N	2553-15504	00000/0000	2-10021/0291	07/28/76	90	7710	53.6	121.8	GGGG		25	30
08820w	3439N	2713-15361	00000/0000	2-10026/0226	01/04/77	100	9941	23.5	144.3	GGGG		23	36
08820w	3436N	2425-15452	00000/0000	2-10017/0201	03/22/76	10	5925	43.9	129.8	GGGG		23	36
08821w	4312N	2697-15455	00000/0000	2-10025/1389	12/19/76	40	9718	17.5	150.2	GGGG		25	30
08821w	4308N	2549-15494	2-10022/1485	2-10022/0378	09/02/76	60	8212	45.5	133.7	GGG		25	30
08821w	4303N	2493-15521	00000/0000	2-10019/0548	06/04/76	10	6957	57.9	120.3	GGGF		25	30
08821w	4303N	2535-15511	00000/0000	2-10020/0730	07/10/76	20	7459	56.4	118.2	GGGG		25	30
08821w	3852N	2480-15481	00000/0000	2-10018/1145	05/16/76	70	6692	57.3	118.2	GGG		24	33
08821w	3438N	2695-15365	00000/0000	2-10025/1323	12/17/76	0	9690	24.0	146.7	GGGG		23	36
08821w	3435N	2605-15401	00000/0000	2-10022/1151	09/18/76	60	8435	45.7	131.1	GGGG		23	36
08821w	3429N	2515-15425	00000/0000	2-10019/1122	06/20/76	30	7180	59.3	102.2	GGGG		23	36
08822w	4306N	2679-15463	00000/0000	2-10025/0806	12/01/76	20	9467	19.7	151.5	GGGG		25	30
08822w	3857N	2714-15404	2-10026/0872	2-10026/0262	01/05/77	100	9955	20.5	146.0	GGG		24	33
08822w	3856N	2570-15454	00000/0000	2-10021/0997	08/14/76	40	7947	51.8	121.2	GGGG		24	33
08822w	3856N	2588-15451	2-10022/1474	2-10022/0366	09/01/76	90	8198	47.9	128.6	GGG		24	33
08822w	3853N	2678-15420	2-10025/1641	00000/0000	11/30/76	10	9453	23.1	149.6	GGG		24	33
08822w	3850N	2498-15474	00000/0000	2-10019/0505	06/03/76	70	6943	59.0	112.9	GGGG		24	33
08822w	3437N	2731-15353	00000/0000	2-10026/0722	01/22/77	10	192	25.2	140.8	GGGG		23	36
08823w	4306N	2607-15421	00000/0000	2-10022/1200	09/20/76	50	8463	40.3	140.0	GGGG		25	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0538

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08823N 4302N	2643-15480	00000/0000 2-10023/1383	10/26/76	70	8965	29.0	149.2					
08823N 4258N	2517-15515	00000/0000 2-10019/1369	06/22/76	90	7208	57.9	117.6	GGGG			25	30
08823N 3851N	2426-15494	00000/0000 2-10017/0860	03/23/76	10	5939	42.1	133.6	GGGG			25	30
08823N 3849N	2552-15462	00000/0000 2-10021/0223	07/27/76	90	7696	55.1	114.8	GGGG			24	33
08824N 4304N	2625-15484	00000/0000 2-10023/0616	10/08/76	70	8714	34.7	145.4	GGGG			24	33
08824N 4304N	2661-15472	00000/0000 2-10025/0270	11/13/76	0	9216	23.8	151.2	GGGG			25	30
08824N 3848N	2534-15465	00000/0000 2-10020/0675	07/09/76	20	7445	57.4	110.8	GGGG			25	30
08824N 3433N	2653-15352	00000/0000 2-10025/0213	11/11/76	90	9188	30.7	146.6	GGGG			24	33
08824N 3433N	2677-15374	00000/0000 2-10025/0748	11/29/76	10	9439	26.6	147.6	GGGG			23	36
08824N 3429N	2623-15374	00000/0000 2-10023/0526	10/06/76	90	8686	40.9	138.1	GGFG			23	36
08825N 4301N	2409-15545	00000/0000 2-10016/0814	03/06/76	50	5702	33.3	140.3	GGGG			25	30
08825N 4300N	2373-15554	00000/0000 2-10015/0290	01/30/76	70	5200	22.2	146.2	GGGG			25	30
08825N 3855N	2696-15412	2-10025/1657 2-10025/1335	12/18/76	0	9704	20.8	148.5	GGGG			25	30
08825N 3851N	2606-15444	00000/0000 2-10027/1163	09/19/76	40	8449	43.2	135.8	FFG GGGG			24	33
08825N 3425N	2389-15462	00000/0000 2-10015/0953	02/15/76	90	5423	32.1	138.3	GGGG			24	33
08826N 3850N	2678-15421	00000/0000 2-10025/0797	11/30/76	10	9453	23.2	149.6	GGGG			23	36
08826N 3844N	2516-15472	00000/0000 2-10019/1330	06/21/76	90	7194	58.9	110.0	GGGG			24	33
08827N 3847N	2372-15511	00000/0000 2-10015/0050	01/29/76	10	5186	24.9	144.2	GGGG			24	33
08827N 2911N	2568-15371	00000/0000 2-10022/0014	08/12/76	40	7919	54.4	106.1	GGGG			22	40
08828N 4256N	2391-15552	00000/0000 2-10015/1049	02/17/76	100	5451	27.2	143.2	GGGG			25	30
08828N 3849N	2660-15425	2-10025/1632 2-10025/0224	11/12/76	0	9202	27.3	149.0	GGG GGGG			24	33
08828N 3846N	2642-15433	2-10023/1428 2-10023/1328	10/25/76	90	8951	32.5	146.4	GGG GGGG			24	33
08828N 3425N	2371-15464	00000/0000 2-10015/0249	01/28/76	0	5172	27.7	142.2	GGGG			23	36
08829N 3844N	2624-15441	2-10023/1415 2-10023/0552	10/07/76	70	8700	37.9	141.9	GGG GGGG			24	33
08830N 3427N	2407-15455	00000/0000 2-10016/0775	03/04/76	10	5674	37.7	134.2	GGGG			23	36
08830N 2858N	2460-15401	00000/0000 2-10018/0247	04/26/76	30	6413	56.0	109.7	FGGG			22	40
08831N 3841N	2390-15505	00000/0000 2-10015/1037	02/16/76	90	5437	29.7	140.8	FGGG			24	33
08831N 2857N	2442-15404	00000/0000 2-10017/1140	04/08/76	10	6162	51.6	117.5	GGGG			22	40
08831N 2856N	2556-15364	00000/0000 2-10027/0278	08/30/76	20	8170	51.9	115.0	GGGG			22	40
08832N 2848N	2532-15382	00000/0000 2-10020/0584	07/07/76	90	7417	57.8	93.0	GGGG			22	40
08833N 4608N	2446-15583	00000/0000 2-10017/0963	04/12/76	0	6218	45.2	137.1	GGGG			26	28
08833N 3359N	2641-15391	00000/0000 2-10023/1346	10/24/76	100	8937	36.1	143.1	FGFF			23	36
08833N 2850N	2550-15375	00000/0000 2-10021/0273	07/25/76	20	7668	56.3	97.9	GGGG			22	40
08833N 2848N	2496-15391	00000/0000 2-10019/0484	06/01/76	30	6915	59.5	94.9	GGGG			22	40
08833N 2847N	2514-15385	00000/0000 2-10019/1255	06/19/76	30	7166	59.0	91.9	GGGG			22	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0539

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08834N	4605N	2464-15580	00000/0000	2-10018/0427	04/30/76	90	6469	50.9	133.5	GGFF		26	28
08834N	2852N	2424-15411	00000/0000	2-10017/0306	03/21/76	70	5911	46.2	124.2	GGGG		22	40
08834N	2844N	2478-15394	00000/0000	2-10018/0876	05/14/76	100	6664	58.6	101.2	GGGG		22	40
08835N	2852N	2676-15334	00000/0000	2-10025/0717	11/28/76	80	9425	30.9	144.7	GGGG		22	40
08836N	2853N	2406-15415	00000/0000	2-10016/0706	03/03/76	30	5660	40.4	129.9	GGG GFGF		22	40
08836N	2851N	2694-15325	00000/0000	2-10025/1383	12/16/76	60	9676	28.2	144.1	GGGG		22	40
08836N	2850N	2604-15361	00000/0000	2-10027/1115	09/17/76	20	8421	48.7	124.3	FGGG		22	40
08838N	4604N	2572-15550	00000/0000	2-10021/1052	08/16/76	10	7975	48.4	131.4	GGGG		26	28
08838N	4600N	2554-15553	00000/0000	2-10021/0303	07/29/76	20	7724	52.4	126.3	GGGG		26	28
08838N	4557N	2482-15573	00000/0000	2-10018/1200	05/18/76	0	6720	54.9	129.1	GGGG		26	28
08838N	2848N	2622-15354	00000/0000	2-10023/0498	10/05/76	40	8672	44.5	132.7	GGGG		22	40
08838N	2847N	2640-15350	00000/0000	2-10023/1306	10/23/76	60	8923	39.8	139.1	GGGG		22	40
08839N	4605N	2590-15543	00000/0000	2-10022/0428	09/03/76	40	8226	43.6	137.2	GGGG		26	28
08839N	4605N	2716-15435	00000/0000	2-10026/0318	01/07/77	10	9983	15.4	148.8	GG G		26	28
08839N	2848N	2658-15342	00000/0000	2-10025/0174	11/10/76	90	9174	35.1	143.1	GGGG		22	40
08839N	2843N	2388-15422	00000/0000	2-10015/0927	02/14/76	50	5409	35.2	134.8	GGGG		22	40
08840N	4601N	2698-15504	00000/0000	2-10025/1411	12/20/76	30	9732	15.2	151.3	GGGG		26	28
08840N	4555N	2536-15561	00000/0000	2-10020/0712	07/11/76	40	7473	55.3	123.1	GGGG		26	28
08840N	2841N	2370-15424	00000/0000	2-10015/0237	01/27/76	90	5158	31.3	139.2	GGGG		22	40
08841N	4554N	2500-15570	00000/0000	2-10019/0620	06/05/76	10	6971	57.0	125.0	GGGG		26	28
08842N	4600N	2428-15590	00000/0000	2-10017/0464	03/25/76	10	5967	38.7	139.9	GGGG		26	28
08842N	3317N	2443-15451	00000/0000	2-10017/1152	04/09/76	10	6176	50.5	122.7	GGGG		23	37
08842N	3314N	2461-15443	00000/0000	2-10018/0308	04/27/76	0	6427	55.3	115.9	GGGG		23	37
08842N	3310N	2479-15441	00000/0000	2-10018/1082	05/15/76	70	6678	58.4	108.7	GGGG		23	37
08843N	4558N	2608-15540	00000/0000	2-10022/1087	09/21/76	70	8477	38.2	142.9	GGGG		26	28
08843N	4552N	2410-15594	00000/0000	2-10016/0838	03/07/76	60	5716	31.9	142.2	GGGG		26	28
08843N	4551N	2518-15564	00000/0000	2-10019/1354	06/23/76	30	7222	57.0	122.6	GGGG		26	28
08843N	3308N	2497-15434	00000/0000	2-10019/0109	06/02/76	70	6929	59.6	102.6	GFGG		23	37
08844N	4555N	2626-15533	00000/0000	2-10023/0836	10/09/76	80	8728	32.3	147.6	GGGG		26	28
08844N	3313N	2569-15414	00000/0000	2-10021/0974	08/13/76	30	7933	53.6	112.6	FGGG		23	37
08844N	3313N	2587-15411	00000/0000	2-10022/0291	08/31/76	20	8184	50.4	121.2	GGGG		23	37
08845N	4553N	2662-15521	00000/0000	2-10025/0302	11/14/76	0	9230	21.3	152.7	GGGG		26	28
08845N	4552N	2392-16001	00000/0000	2-10016/0071	02/18/76	100	5465	25.5	144.8	FGFG		26	28
08845N	4150N	2463-15533	00000/0000	2-10018/0415	04/29/76	10	6455	52.7	127.9	GGGG		25	31
08845N	3310N	2425-15454	00000/0000	2-10017/0202	03/22/76	30	5925	44.6	128.3	GGGF		23	37

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=MSS GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR HIS  
FROM 01/22/76 TO 01/22/77

PAGE 0540

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION		ROLL NO./ IN REEL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL		MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT		RBV	MSS							RBV	MSS				
08845	3309N	2551-15421	00000/0000	2-10021/0184	07/26/76	10	7682	56.1	105.3		GGGG				23	37
08845	3307N	2533-15424	00000/0000	2-10020/0991	07/08/76	10	7431	58.0	100.7		GGGG				23	37
08846	4551N	2644-15525	00000/0000	2-10024/0013	10/27/76	10	8979	26.5	151.0		GGGG				26	28
08846	4151N	2445-15540	00000/0000	2-10017/1244	04/11/76	10	6204	47.2	132.5		GGGG				25	31
08846	3313N	2713-15363	00000/0000	2-10026/0227	01/04/77	100	9941	24.5	143.6		GGGG				23	37
08846	3302N	2515-15431	00000/0000	2-10019/1123	06/20/76	20	7180	59.3	99.5		GGGG				23	37
08847	4858N	2465-16025	00000/0000	2-10018/0454	05/01/76	50	6483	49.6	137.0		GGGG				27	26
08847	4148N	2571-15503	00000/0000	2-10021/1040	08/15/76	40	7961	50.6	125.5		GGGG				25	31
08847	3730N	2462-15490	00000/0000	2-10018/0349	04/28/76	90	6441	54.2	122.0		F				24	34
08847	3312N	2695-15372	00000/0000	2-10025/1324	12/17/76	10	9690	25.0	146.0		GGGG				23	37
08847	3309N	2605-15404	00000/0000	2-10022/1152	09/18/76	80	8435	46.5	129.6		GGGG				23	37
08848	4149N	2715-15453	00000/0000	2-10026/0342	01/06/77	70	9989	18.5	147.1		GGGG				25	31
08848	3731N	2444-15493	00000/0000	2-10017/1205	04/10/76	0	6190	49.0	127.7		GGGG				24	34
08848	3312N	2731-15355	00000/0000	2-10026/0723	01/22/77	10	192	26.1	140.1		GGGG				23	37
08849	4856N	2447-16032	00000/0000	2-10017/1300	04/13/76	0	6232	43.9	140.0		GGGG				27	26
08849	4142N	2481-15530	00000/0000	2-10018/1176	05/17/76	90	6706	56.5	122.6		GGGG				25	31
08849	3727N	2480-15483	00000/0000	2-10018/1146	05/16/76	80	6692	57.7	115.8		GGGG				24	34
08849	3308N	2677-15380	00000/0000	2-10025/0749	11/29/76	20	9439	27.6	146.9		GGGG				23	37
08849	3304N	2623-15401	00000/0000	2-10023/0527	10/06/76	90	8686	41.8	136.9		GFFF				23	37
08850	4144N	2427-15544	00000/0000	2-10017/0439	03/24/76	50	5953	40.8	136.1		GGGG				25	31
08850	3731N	2538-15454	2-10022/1477	2-10022/0367	09/01/76	90	8198	48.5	126.9		GGG GGGG				24	34
08850	3731N	2714-15410	2-10026/0873	2-10026/0263	01/05/77	90	9955	21.5	145.3		GGG GGGG				24	34
08850	3730N	2570-15461	00000/0000	2-10021/0998	08/14/76	40	7947	52.3	119.2		GGGG				24	34
08850	3724N	2498-15481	00000/0000	2-10019/0506	06/03/76	80	6943	59.2	110.3		GGGG				24	34
08850	3308N	2659-15385	00000/0000	2-10025/0214	11/11/76	90	9188	31.7	145.8		GGGG				23	37
08850	2744N	2568-15373	00000/0000	2-10022/0015	08/12/76	40	7919	54.5	103.9		GGGG				22	41
08851	4856N	2573-15535	00000/0000	2-10021/1095	08/17/76	10	7989	46.7	135.2		FGGG				27	26
08851	4143N	2553-15511	00000/0000	2-10021/0292	07/28/76	80	7710	54.1	119.6		GGFG				25	31
08851	3727N	2696-15415	2-10025/1658	00000/0000	12/18/76	10	9704	21.8	147.8		GGG				24	34
08851	3724N	2552-15464	00000/0000	2-10021/0224	07/27/76	60	7696	55.4	112.6		GGGG				24	34
08852	4853N	2429-16035	00000/0000	2-10017/0347	03/26/76	100	5981	37.3	142.3		GGGG				27	26
08852	4146N	2697-15461	00000/0000	2-10025/1390	12/19/76	40	9718	18.5	149.6		GGGG				25	31
08852	4142N	2589-15501	2-10022/1486	2-10022/0379	09/02/76	10	8212	46.3	132.2		GGG GGGG				25	31
08852	4139N	2499-15524	00000/0000	2-10019/0549	06/04/76	10	6957	58.3	117.8		FGGG				25	31
08852	4137N	2535-15514	00000/0000	2-10020/0731	07/10/76	10	7459	56.7	115.8		GGGG				25	31

KEYS: CLOUD COVER : ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 23, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0541

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08852N	3726N	2426-15501	00000/0000	2-10017/0861	03/23/76	10	5939	42.8	132.3				
08852N	3723N	2534-15471	00000/0000	2-10020/0676	07/09/76	30	7445	57.6	108.3	GGGG		24	34
08853N	4141N	2679-15470	00000/0000	2-10025/0807	12/01/76	20	9467	20.8	150.9	GGGG		25	31
08853N	4133N	2517-15521	00000/0000	2-10019/1370	06/22/76	80	7208	58.3	115.1	GGGG		25	31
08853N	3730N	2696-15414	00000/0000	2-10025/1336	12/18/76	0	9704	21.8	147.9	GGGG		24	34
08853N	3718N	2516-15474	00000/0000	2-10019/1331	06/21/76	40	7194	59.1	107.4	GGGG		24	34
08853N	2731N	2450-15403	00000/0000	2-10018/0248	04/26/76	30	6413	56.2	107.4	GGGG		22	41
08853N	4853N	2531-15533	00000/0000	2-10022/0485	09/04/76	90	8240	41.6	140.4	GGGG		27	26
08854N	4141N	2607-15494	00000/0000	2-10022/1201	09/20/76	70	8463	41.2	138.3	GGGG		25	31
08854N	4136N	2643-15412	00000/0000	2-10023/1354	10/26/76	40	8965	30.0	148.3	GGGG		25	31
08854N	3725N	2606-15451	2-10022/1495	2-10022/1164	09/19/76	30	8449	44.0	134.4	GGG GGGG		24	34
08854N	3725N	2678-15423	2-10025/1642	2-10025/0798	11/30/76	0	9553	24.2	149.0	GGG GGGG		24	34
08854N	3259N	2371-15471	00000/0000	2-10015/0250	01/28/76	0	5172	28.6	141.4	GGGG		23	37
08854N	2730N	2442-15410	00000/0000	2-10017/1141	04/08/76	30	6162	52.0	115.5	GGGG		22	41
08854N	2729N	2586-15371	00000/0000	2-10022/0279	08/30/76	30	8170	52.3	113.0	GGGG		22	41
08855N	4854N	2699-15553	00000/0000	2-10025/1438	12/21/76	0	9746	13.0	152.4	GGGG		27	26
08855N	4849N	2555-16003	00000/0000	2-10021/0445	07/30/76	80	7738	51.0	130.6	GGGG		27	26
08855N	4139N	2661-15474	00000/0000	2-10025/0271	11/13/76	0	9216	24.9	150.5	GGGG		25	31
08855N	3722N	2372-15514	00000/0000	2-10015/0051	01/29/76	10	5186	25.9	143.5	GGGG		24	34
08855N	3719N	2660-15432	2-10025/1633	00000/0000	11/12/76	0	9202	28.4	148.2	GGG GGGG		24	34
08855N	3301N	2407-15462	00000/0000	2-10016/0776	03/04/76	10	5674	38.5	133.1	GGGG		23	37
08856N	4138N	2623-15490	00000/0000	2-10023/0617	10/08/76	30	8714	35.6	144.3	GGGG		25	31
08856N	4136N	2409-15551	00000/0000	2-10016/0815	03/06/76	10	5702	34.2	139.2	GGGG		25	31
08856N	4135N	2373-15550	00000/0000	2-10015/0291	01/30/76	70	5200	23.2	145.5	GGGG		25	31
08856N	2724N	2550-15381	00000/0000	2-10021/0274	07/25/76	10	7668	56.2	95.6	GGGG		22	41
08856N	2722N	2532-15384	00000/0000	2-10020/0535	07/07/76	70	7417	57.6	90.6	GGGG		22	41
08857N	4848N	2681-15562	00000/0000	2-10025/0853	12/03/76	50	9495	14.9	153.9	GGGG		27	26
08857N	4843N	2501-16020	00000/0000	2-10019/0633	06/06/76	10	6985	55.8	129.5	GGGF		27	26
08857N	4843N	2537-16010	00000/0000	2-10020/0765	07/12/76	10	7487	54.1	127.7	GGGG		27	26
08857N	3724N	2660-15431	00000/0000	2-10025/0225	11/12/76	0	9202	28.3	148.3	GGGG		24	34
08857N	3721N	2642-15440	2-10023/1429	2-10023/1329	10/25/76	90	8951	33.5	145.5	GGG GGGG		24	34
08857N	3718N	2624-15444	2-10023/1416	2-10023/0553	10/07/76	70	8700	38.8	140.8	GGG GGGG		24	34
08857N	2721N	2514-15391	00000/0000	2-10019/1256	06/19/76	30	7166	58.7	89.4	GGGG		22	41
08857N	2717N	2478-15401	00000/0000	2-10018/0877	05/14/76	100	6664	58.6	98.7	GGGG		22	41
08858N	4843N	2519-16013	00000/0000	2-10020/0002	06/24/76	60	7236	55.9	127.4	GGGG		27	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0542

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08858N	3233N	2641-15394	00000/0000	2-10023/1347	10/24/76	100	8937	37.0	142.1	GGFF		23	37
08858N	2726N	2424-15414	00000/0000	2-10017/1307	03/21/76	70	5911	46.7	122.6	GGGG		22	41
08859N	4847N	2609-15590	00000/0000	2-10022/1296	09/22/76	90	8491	35.9	145.5	GGGG		27	26
08859N	4131N	2391-15554	00000/0000	2-10015/1050	02/17/76	100	5451	28.1	142.3	GGFG		25	31
08859N	2725N	2694-15332	00000/0000	2-10025/1384	12/16/76	90	9676	29.2	143.4	GGG		22	41
08859N	2724N	2604-15364	00000/0000	2-10022/1116	09/17/76	10	8421	49.2	122.7	GGGG		22	41
08900N	4842N	2627-15582	00000/0000	2-10023/0673	00/10/76	50	8742	29.9	149.8	GGGG		27	26
08900N	4841N	2645-15574	00000/0000	2-10024/0084	10/28/76	20	8993	24.0	152.8	GGGG		27	26
08900N	4840N	2375-16053	00000/0000	2-10015/0331	02/01/76	20	5228	18.6	148.8	GGGG		27	26
08900N	4840N	2411-16043	00000/0000	2-10016/0936	03/08/76	30	5730	30.4	144.2	GGGG		27	26
08900N	3716N	2390-15511	00000/0000	2-10015/1038	02/16/76	90	5437	30.6	139.9	FGFG		24	34
08900N	2727N	2406-15421	00000/0000	2-10016/0707	03/03/76	30	5660	41.1	128.4	FFF GFFF		22	41
08900N	2726N	2676-15340	00000/0000	2-10025/0718	11/28/76	50	9425	31.9	143.9	GGGG		22	41
08901N	4841N	2393-16050	00000/0000	2-10016/0118	02/19/76	40	5479	23.9	146.3	PGFG		27	26
08902N	2722N	2622-15360	00000/0000	2-10023/0499	10/05/76	40	8672	45.3	131.3	GGGG		22	41
08902N	2721N	2658-15345	00000/0000	2-10025/0175	11/10/76	70	9174	36.0	142.2	GGGG		22	41
08903N	2717N	2388-15424	00000/0000	2-10015/0928	02/14/76	50	5409	36.0	133.8	GFGG		22	41
08904N	2715N	2370-15431	00000/0000	2-10015/0238	01/27/76	80	5158	32.2	138.4	FGGG		22	41
08907N	4443N	2446-15545	00000/0000	2-10017/0964	04/12/76	0	6218	46.0	135.5	GGGG		26	29
08907N	3148N	2461-15450	00000/0000	2-10018/0309	04/27/76	0	6427	55.6	113.7	GGGG		23	38
08908N	4440N	2464-15582	00000/0000	2-10018/0428	04/30/76	90	6469	51.6	131.6	FGFG		26	29
08908N	3151N	2443-15452	00000/0000	2-10017/1153	04/09/76	10	6176	51.0	120.9	GGGG		23	38
08908N	3144N	2479-15443	00000/0000	2-10018/1083	05/15/76	50	6678	58.5	104.1	GGGG		23	38
08909N	3147N	2587-15413	00000/0000	2-10022/0292	08/31/76	10	8184	50.9	119.3	GGGG		23	38
08909N	3142N	2497-15441	00000/0000	2-10019/0110	06/02/76	70	6929	59.6	99.9	FGGG		23	38
08910N	3148N	2569-15420	00000/0000	2-10021/0975	08/13/76	40	7933	53.9	110.5	GGGG		23	38
08910N	3144N	2551-15424	00000/0000	2-10021/0185	07/26/76	10	7682	56.2	103.0	FFFF		23	38
08910N	3143N	2533-15431	00000/0000	2-10020/0992	07/08/76	50	7431	58.0	98.2	GGGG		23	38
08911N	4439N	2572-15553	00000/0000	2-10021/1053	08/16/76	10	7975	49.1	129.6	GGGG		26	29
08911N	4435N	2554-15560	00000/0000	2-10021/0304	07/29/76	20	7724	52.9	124.2	GGGG		26	29
08911N	4432N	2482-15520	00000/0000	2-10018/1201	05/18/76	10	6720	55.6	126.9	GGGG		26	29
08911N	3147N	2713-15370	00000/0000	2-10026/0228	01/04/77	100	9941	25.5	142.9	GGGG		23	38
08911N	3145N	2425-15461	00000/0000	2-10017/0203	03/22/76	60	5925	45.3	126.9	GGGF		23	38
08912N	4439N	2716-15502	00000/0000	2-10026/0319	01/07/77	0	9983	16.5	148.2	GGGG		26	29
08912N	3146N	2695-15374	00000/0000	2-10025/1325	12/17/76	10	9690	26.1	145.4	GGGG		23	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR HIS  
FROM 01/22/76 TO 01/22/77

PAGE 0543

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA M8DF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08912N 3143N	2605-15410	00000/0000	2-10022/1153	09/18/76	30	8435	47.2	128.1	GGGG			23	38
08912N 3137N	2515-15434	00000/0000	2-10019/1124	06/20/76	20	7180	59.2	96.9	GGGG			23	38
08913N 4440N	2590-15550	00000/0000	2-10022/0429	09/03/76	10	8226	44.4	135.7	GGGG			26	29
08913N 4430N	2536-15563	00000/0000	2-10020/0713	07/11/76	10	7473	55.8	120.8	GGGG			26	29
08913N 3146N	2731-15362	00000/0000	2-10026/0724	01/22/77	20	192	27.0	139.4	GGGG			23	38
08914N 4436N	2698-15510	00000/0000	2-10025/1412	12/20/76	30	9732	16.3	150.7	GGGG			26	29
08915N 4435N	2428-15593	00000/0000	2-10017/0465	03/25/76	70	5967	39.5	138.6	GGGG			26	29
08915N 4430N	2500-15573	00000/0000	2-10019/0621	06/05/76	0	6971	57.5	122.6	GGGG			26	29
08915N 3606N	2444-15530	00000/0000	2-10017/1206	04/10/76	0	6190	49.6	125.9	GGGG			24	35
08915N 3604N	2462-15493	00000/0000	2-10018/0353	04/28/76	40	6441	54.7	119.9	FFPP			24	35
08915N 3143N	2677-15383	00000/0000	2-10025/0750	11/29/76	30	9439	28.7	146.2	GGGG			23	38
08915N 3142N	2659-15391	00000/0000	2-10025/0215	11/11/76	90	9188	32.8	145.0	GGGG			23	38
08915N 3138N	2623-15403	00000/0000	2-10023/0528	10/06/76	90	8686	42.7	135.7	GGGG			23	38
08916N 4025N	2445-15543	00000/0000	2-10017/1245	04/11/76	20	6204	48.0	130.8	GGGG			25	32
08916N 4024N	2463-15535	00000/0000	2-10018/0416	04/29/76	10	6455	53.3	125.9	GGGG			25	32
08916N 3601N	2430-15490	00000/0000	2-10018/1147	05/16/76	70	6692	58.0	113.3	GGGG			24	35
08916N 3134N	2389-15471	00000/0000	2-10015/0954	02/15/76	90	5423	33.8	136.4	GGGG			23	38
08917N 4433N	2608-15543	00000/0000	2-10022/1088	09/21/76	40	8477	39.1	141.6	GGGG			26	29
08917N 4428N	2410-16000	00000/0000	2-10016/0839	03/07/76	10	5716	32.8	141.2	GGGG			26	29
08917N 4426N	2518-15570	00000/0000	2-10019/1355	06/23/76	80	7222	57.5	120.1	GGGG			26	29
08917N 4022N	2571-15510	00000/0000	2-10021/1041	08/15/76	60	7961	51.1	123.6	GGGG			25	32
08917N 3603N	2678-15425	2-10025/1643	00000/0000	11/30/76	10	9453	25.3	148.3	GGG			24	35
08918N 4430N	2626-15535	00000/0000	2-10023/0837	10/09/76	60	8728	33.3	146.6	GGGG			26	29
08918N 3605N	2538-15460	2-10022/1473	2-10022/0368	09/01/76	90	8198	49.1	125.2	GGG GGGF			24	35
08918N 3605N	2714-15413	2-10026/0874	2-10026/0264	01/05/77	90	9955	22.6	144.7	GGG GGGG			24	35
08918N 3603N	2570-15463	00000/0000	2-10021/0999	08/14/76	30	7947	52.7	117.2	GGGG			24	35
08918N 3559N	2498-15443	00000/0000	2-10019/0507	06/03/76	40	6943	59.4	107.6	GGGG			24	35
08919N 4428N	2662-15523	00000/0000	2-10025/0303	11/14/76	0	9230	22.4	152.0	GGGG			26	29
08919N 4427N	2392-16003	00000/0000	2-10016/0072	02/18/76	100	5465	26.5	143.9	FGFG			26	29
08919N 4023N	2715-15455	00000/0000	2-10026/0343	01/06/77	60	9969	19.5	146.5	GGGG			25	32
08919N 4017N	2481-15533	00000/0000	2-10018/1177	05/17/76	100	6706	57.0	120.2	GGGG			25	32
08919N 3601N	2426-15503	00000/0000	2-10017/0862	03/23/76	0	5939	43.6	130.9	GGGG			24	35
08919N 3559N	2552-15471	00000/0000	2-10021/0225	07/27/76	20	7696	55.6	110.3	GGGG			24	35
08919N 3558N	2534-15474	00000/0000	2-10020/0677	07/09/76	10	7445	57.8	105.8	GGGG			24	35
08919N 3133N	2371-15473	00000/0000	2-10015/0251	01/28/76	0	5172	29.6	140.6	GGGG			23	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MADE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0544

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUALITY RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV MSS						123 45678				
08920N	4427N	2644-1553P	00000/0000	2-10024/0014	10/27/76	0	8979	27.6	150.2	GGGG	26	29
08920N	4019N	2427-1555N	00000/0000	2-10017/0440	03/24/76	50	5953	41.6	134.8	GGGG	25	32
08920W	3604N	2696-1542P	2-10025/1659	2-10025/1337	12/18/76	10	9704	22.9	147.2	FGG GGGG	24	35
08920W	3136N	2407-15464	00000/0000	2-10014/0777	03/04/76	10	5674	39.3	131.9	GGGG	23	38
08921W	4017N	2553-1551P	00000/0000	2-10021/0293	07/28/76	40	7710	54.5	117.4	GGGG	25	32
08921W	3600N	2606-1543P	2-10022/1496	2-10022/1165	09/19/76	40	8449	44.7	133.0	GGG GGGG	24	35
08921W	3600N	2678-1543N	00000/0000	2-10025/0799	11/30/76	0	9453	25.3	148.3	GGGG	24	35
08921W	3553N	2516-1548P	00000/0000	2-10019/1332	06/21/76	10	7194	59.2	104.7	GGGG	24	35
08922W	4021N	2697-15464	00000/0000	2-10025/1391	12/19/76	60	9718	19.6	149.0	GGGG	25	32
08922W	4017N	2589-1550P	2-10022/1487	2-10022/0380	09/02/76	10	8212	47.0	130.6	GGG GGGG	25	32
08922W	4015N	2679-1547P	00000/0000	2-10025/0808	12/01/76	50	9467	21.9	150.2	GGGG	25	32
08922W	4014N	2499-1553N	00000/0000	2-10019/0550	06/04/76	10	6957	58.7	115.2	GGGG	25	32
08922W	4013N	2535-1552N	00000/0000	2-10020/0732	07/10/76	10	7459	57.1	113.4	GGGG	25	32
08923W	4008N	2517-1552P	00000/0000	2-10019/1371	06/22/76	90	7208	58.6	112.5	GGGG	25	32
08923W	3556N	2372-1552N	00000/0000	2-10015/0052	01/29/76	10	5186	26.9	142.8	GGGG	24	35
08923W	3108N	2641-1543N	00000/0000	2-10023/1348	10/24/76	90	8937	38.0	141.1	GGFF	23	38
08924W	4733N	2465-1603P	00000/0000	2-10018/0455	05/01/76	70	6483	50.4	135.2	GGGG	27	27
08924W	4016N	2607-1550N	00000/0000	2-10022/1202	09/20/76	90	8463	42.1	137.5	GGGG	25	32
08924W	4010N	2643-1548P	00000/0000	2-10023/1385	10/26/76	70	8965	31.1	147.5	GGGG	25	32
08924W	3559N	2660-15434	2-10025/1634	2-10025/0226	11/12/76	0	9202	29.4	147.5	GGG GGGG	24	35
08924W	3555N	2642-1544P	2-10023/1430	2-10023/1330	10/25/76	100	8951	34.5	144.6	GGG GGGG	24	35
08924W	3552N	2624-15450	2-10023/1417	2-10023/0554	10/07/76	70	8700	39.8	139.6	GGG GGGG	24	35
08925W	4011N	2409-15554	00000/0000	2-10016/0816	03/06/76	10	5702	35.1	138.2	GGGG	25	32
08926W	4731N	2447-1603P	00000/0000	2-10017/1301	04/13/76	10	6232	44.8	138.5	GGGG	27	27
08926W	4013N	2661-1548P	00000/0000	2-10025/0272	11/13/76	0	9216	25.9	149.8	GGGG	25	32
08926W	4012N	2625-1549P	00000/0000	2-10023/0618	10/08/76	40	8714	36.6	143.3	GGGG	25	32
08926W	4010N	2373-1556P	00000/0000	2-10015/0292	01/30/76	90	5200	24.2	144.8	GGFF	25	32
08927W	3550N	2390-15514	00000/0000	2-10015/1039	02/16/76	100	5437	31.5	139.0	FGFG	24	35
08928W	4731N	2673-1600P	00000/0000	2-10021/1096	08/17/76	20	7989	47.4	133.5	GGGG	27	27
08928W	4728N	2429-1604P	00000/0000	2-10017/0348	03/26/76	100	5981	38.2	141.0	GGGG	27	27
08928W	4005N	2391-1556P	00000/0000	2-10015/1051	02/17/76	100	5451	29.1	141.4	GGGG	25	32
08930W	4728N	2591-1559P	00000/0000	2-10022/0486	09/04/76	90	8240	42.5	139.0	GGGG	27	27
08931W	4729N	2717-1550P	00000/0000	2-10026/0330	01/08/77	40	9997	14.5	149.2	GGGG	27	27
08931W	4724N	2555-1600P	00000/0000	2-10021/0446	07/30/76	60	7738	51.6	128.5	GGGG	27	27
08932W	4730N	2699-1555P	00000/0000	2-10025/1439	12/21/76	70	9746	14.1	151.8	GGGG	27	27

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0545

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
08932N	3018N	2479-15450	00000/0000	2-10018/1084	05/15/76	20	6678	58.7	103.6	GGGG		23	39
08933N	4718N	2501-16022	00000/0000	2-10019/0634	06/06/76	10	6985	56.5	127.2	FGGF		27	27
08933N	3024N	2443-15460	00000/0000	2-10017/1154	04/09/76	0	6176	51.5	119.0	GGGG		23	39
08934N	4723N	2681-15564	00000/0000	2-10025/0854	12/03/76	60	9495	16.0	153.3	GGGG		27	27
08934N	4718N	2519-16015	00000/0000	2-10020/0003	06/24/76	60	7236	56.4	125.0	GGGG		27	27
08934N	3022N	2569-15429	00000/0000	2-10021/0976	08/13/76	50	7933	54.1	108.4	GGGG		23	39
08934N	3022N	2587-15420	00000/0000	2-10022/0293	08/31/76	20	8184	51.4	117.4	GGGG		23	39
08934N	3017N	2497-15443	00000/0000	2-10019/0111	06/02/76	20	6929	59.6	97.3	FFGG		23	39
08935N	3018N	2533-15433	00000/0000	2-10020/0993	07/08/76	80	7431	57.9	95.7	GGGG		23	39
08935N	3018N	2551-15430	00000/0000	2-10021/0186	07/26/76	20	7682	56.2	100.6	FGGG		23	39
08936N	4721N	2609-15539	00000/0000	2-10022/1297	09/22/76	90	8491	36.9	144.3	GGFG		27	27
08936N	4716N	2411-16050	00000/0000	2-10016/0937	03/08/76	60	5730	31.3	143.1	GGGG		27	27
08936N	4715N	2375-16055	00000/0000	2-10015/0332	02/01/76	80	5228	19.6	148.1	GGGG		27	27
08936N	3020N	2695-15381	00000/0000	2-10025/1326	12/17/76	10	9690	27.1	144.7	GGGG		23	39
08936N	3019N	2425-15463	00000/0000	2-10017/0204	03/22/76	90	5925	45.9	125.4	GGGP		23	39
08936N	3011N	2515-15440	00000/0000	2-10019/1125	06/20/76	50	7180	59.1	94.3	GGGG		23	39
08937N	4718N	2663-15573	00000/0000	2-10025/0327	11/15/76	30	9244	19.9	153.4	GGGG		27	27
08937N	4717N	2627-15535	00000/0000	2-10023/0674	10/10/76	90	8742	31.0	148.8	GGGG		27	27
08937N	4716N	2393-16053	00000/0000	2-10016/0119	02/19/76	80	5479	24.9	145.5	FGFG		27	27
08937N	4716N	2645-15581	00000/0000	2-10024/0085	10/28/76	40	8993	25.1	151.9	GGFG		27	27
08937N	3017N	2605-15413	00000/0000	2-10022/1154	09/18/76	20	8435	47.8	126.5	GGGF		23	39
08939N	4318N	2446-15592	00000/0000	2-10017/0965	04/12/76	10	6218	46.8	133.9	GGGG		26	30
08939N	3017N	2677-15345	00000/0000	2-10024/0751	11/29/76	50	9439	29.7	145.5	FGGG		23	39
08940N	3017N	2659-15394	00000/0000	2-10025/0216	11/11/76	70	9188	33.8	144.2	GGGG		23	39
08940N	3012N	2623-15410	00000/0000	2-10023/0529	10/06/76	90	8686	43.5	134.4	GGFF		23	39
08941N	4314N	2464-15585	00000/0000	2-10018/0429	04/30/76	70	6469	52.3	129.6	FFGG		26	30
08941N	3439N	2462-15495	00000/0000	2-10018/0354	04/28/76	30	6441	55.1	117.7	FGFG		24	36
08941N	3009N	2389-15474	00000/0000	2-10015/0955	02/15/76	50	5423	34.6	135.5	GGGG		23	39
08942N	3440N	2444-15502	00000/0000	2-10017/1207	04/10/76	0	6190	50.2	124.1	GGGG		24	36
08943N	4310N	2554-15562	00000/0000	2-10021/0305	07/29/76	50	7724	53.5	122.1	GGGG		26	30
08943N	4307N	2482-15582	00000/0000	2-10018/1202	05/18/76	10	6720	56.1	124.6	GGGG		26	30
08943N	3435N	2480-15492	00000/0000	2-10018/1148	05/16/76	90	6692	58.3	110.8	GGGG		24	36
08944N	4313N	2572-15555	00000/0000	2-10021/1054	08/16/76	20	7975	49.7	127.7	GGGG		26	30
08944N	4313N	2716-15504	00000/0000	2-10026/0320	01/07/77	0	9983	17.5	147.5	GGGG		26	30
08944N	3439N	2588-15463	2-10022/1479	2-10022/0369	09/01/76	80	8198	49.7	123.4	GGG FGGG		24	36

KEYS: CLOUD COVER % ..... C TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0546

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 223 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08944N	3435N	2570-15470	00000/0000	2-10021/1000	08/14/76	10	7947	53.1	115.1				
08944N	3433N	2498-15490	00000/0000	2-10019/0508	06/03/76	60	6943	59.5	105.0	GGGG		24	36
08944N	3010N	2407-15471	00000/0000	2-10016/0764	03/04/76	60	5674	40.0	130.7	GGGG		24	36
08944N	3008N	2371-15480	00000/0000	2-10015/0252	01/28/76	0	5172	30.5	139.8	G		23	39
08945N	3859N	2445-15545	00000/0000	2-10017/1246	04/11/76	30	6204	48.6	129.1	GGGG		23	39
08945N	3859N	2463-15542	00000/0000	2-10018/0417	04/29/76	10	6455	53.9	123.9	GGGG		25	33
08945N	3439N	2714-15415	2-10026/0875	2-10024/0265	01/05/77	90	9955	23.6	144.1	GGGG		25	33
08945N	3435N	2426-15510	00000/0000	2-10017/0863	03/23/76	0	5939	44.3	129.5	GFF	GGGG	24	36
08945N	3435N	2496-15424	2-10025/1660	00000/0000	12/18/76	10	9704	23.9	146.6	GGG	GGGG	24	36
08945N	3433N	2534-15480	00000/0000	2-10020/0678	07/09/76	20	7445	57.9	103.3		GGGG	24	36
08945N	3433N	2552-15473	00000/0000	2-10021/0226	07/27/76	40	7696	55.8	107.9		GGGG	24	36
08946N	4315N	2590-15552	00000/0000	2-10022/0430	09/03/76	10	8226	45.2	134.2		GGGG	24	36
08946N	4311N	2698-15513	00000/0000	2-10025/1413	12/20/76	50	9732	17.4	150.1		GGGF	26	30
08946N	4305N	2536-15570	00000/0000	2-10020/0714	07/11/76	30	7473	56.2	118.4		GGGG	26	30
08946N	3857N	2571-15512	00000/0000	2-10021/1042	08/15/76	90	7961	51.6	121.7		GGGG	26	30
08947N	4310N	2428-15595	00000/0000	2-10017/0466	03/25/76	70	5967	40.4	137.3		FGGG	25	33
08947N	4305N	2530-15575	00000/0000	2-10019/0622	06/05/76	0	6971	58.0	120.1		GGGG	26	30
08947N	3438N	2696-15423	00000/0000	2-10025/1338	12/18/76	10	9704	23.9	146.6		GGGG	26	30
08947N	3434N	2678-15432	2-10025/1644	2-10025/0800	11/30/76	0	9453	26.4	147.6	GGG	GGGG	24	36
08947N	3428N	2516-15483	00000/0000	2-10019/1333	06/21/76	10	7194	59.2	102.1		GGGG	24	36
08948N	3857N	2715-15452	00000/0000	2-10026/0344	01/06/77	90	9969	20.5	145.8		GGGG	24	36
08948N	3851N	2431-15535	00000/0000	2-10018/1178	05/17/76	100	6706	57.4	117.8		GGGG	25	33
08948N	3434N	2606-15460	2-10022/1497	2-10022/1166	09/19/76	40	8449	45.5	131.5	GGG	GGGG	25	33
08948N	2943N	2641-15402	00000/0000	2-10023/1349	10/24/76	80	8937	38.9	140.1		GGFF	23	39
08949N	4308N	2608-15545	00000/0000	2-10022/1089	09/21/76	30	8477	40.0	140.4		GGGG	26	30
08949N	4303N	2410-16003	00000/0000	2-10016/0840	03/07/76	40	5716	33.7	140.2		GGGG	26	30
08949N	4302N	2518-15573	00000/0000	2-10019/1356	06/23/76	80	7222	57.9	117.6		GGGG	26	30
08949N	3853N	2427-15552	00000/0000	2-10017/0441	03/24/76	80	5953	42.4	133.4		GGGF	26	30
08949N	3431N	2372-15522	00000/0000	2-10015/0053	01/29/76	0	5186	27.8	142.0		GGGG	25	33
08949N	3429N	2660-15441	2-10025/1635	00000/0000	11/12/76	10	9202	30.5	146.7	GGG		24	36
08950N	4304N	2626-15542	00000/0000	2-10023/0838	10/09/76	40	8728	34.3	145.6		GGGG	26	30
08950N	4301N	2374-16012	00000/0000	2-10015/0313	11/31/76	60	5214	22.4	146.0		GGGG	26	30
08950N	3851N	2553-15520	00000/0000	2-10021/0294	07/28/76	10	7710	54.9	115.2		GGGG	26	30
08950N	3427N	2624-15453	2-10023/1418	2-10023/0555	10/07/76	80	8700	40.7	138.5	GGG	FGGG	25	33
08951N	4303N	2662-15530	00000/0000	2-10025/0304	11/14/76	10	9230	23.5	151.3	GGGG		24	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0547

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
08951N	4302N	2352-16010	00000/0000	2-10016/0073	02/18/76	100	5465	27.4	143.1	FGFG		26	30
08951N	3855N	2697-15470	00000/0000	2-10025/1392	12/19/76	40	9718	20.7	148.4	GGGG		25	33
08951N	3851N	2589-15510	P-10022/1488	2-10022/0381	09/02/76	10	8212	47.7	128.9	GGGG		25	33
08951N	3850N	2679-15475	00000/0000	2-10025/0809	12/01/76	70	9467	23.0	149.6	GGGG		25	33
08951N	3848N	2499-15537	00000/0000	2-10019/0551	06/04/76	80	6957	59.0	112.6	GGGG		25	33
08951N	3848N	2535-15523	00000/0000	2-10020/0733	07/10/76	10	7459	57.3	110.9	GGGG		25	33
08951N	3434N	2660-15440	00000/0000	2-10025/0227	11/12/76	0	9202	30.4	146.7	GGGG		24	36
08951N	3430N	2642-15445	P-10023/1431	2-10023/1331	10/25/76	90	8951	35.5	143.6	GGGG		24	36
08952N	4302N	2644-15534	00000/0000	2-10024/0015	10/27/76	10	8979	28.7	149.3	GGGG		26	30
08952N	3843N	2517-15530	00000/0000	2-10019/1372	06/22/76	70	7208	58.8	109.9	GGGG		25	33
08953N	3850N	2507-15503	00000/0000	2-10022/1203	09/20/76	90	8463	42.9	136.1	GGGG		25	33
08953N	3845N	2643-15491	00000/0000	2-10023/1386	10/26/76	10	8965	32.1	146.6	GGGG		25	33
08953N	3425N	2390-15520	00000/0000	2-10015/1040	02/16/76	100	5437	32.4	138.1	FGFG		24	36
08954N	3845N	2409-15560	00000/0000	2-10016/0817	03/06/76	10	5702	35.9	137.1	GGGG		25	33
08955N	3848N	2661-15483	00000/0000	2-10025/0273	11/13/76	60	9216	27.0	149.1	GGGF		25	33
08955N	3845N	2373-15565	00000/0000	2-10015/0293	01/30/76	60	5200	25.2	144.0	GGGG		25	33
08956N	3846N	2625-15495	00000/0000	2-10023/0619	10/08/76	40	8714	37.6	142.2	GGGG		25	33
08956N	2852N	2479-15452	00000/0000	2-10018/1085	05/15/76	20	6678	58.7	101.0	GGGG		23	40
08957N	3840N	2391-15563	00000/0000	2-10015/1052	02/17/76	100	5451	30.0	140.6	GGGG		25	33
08957N	2858N	2443-15462	00000/0000	2-10017/1155	04/09/76	0	6176	51.9	117.1	GGGG		23	40
08958N	2857N	2587-15422	00000/0000	2-10022/0294	08/31/76	20	8184	51.8	115.5	GGGF		23	40
08958N	2856N	2409-15425	00000/0000	2-10021/0977	08/13/76	40	7933	54.3	106.2	GGGG		23	40
08959N	4607N	2465-16034	00000/0000	2-10018/0456	05/01/76	80	6483	51.1	133.3	GGGG		27	28
08959N	2852N	2533-15440	00000/0000	2-10020/0994	07/08/76	90	7431	57.7	93.3	GGGG		23	40
08959N	2852N	2551-15433	00000/0000	2-10021/0187	07/26/76	30	7682	56.2	98.3	FFGG		23	40
08959N	2851N	2497-15450	00000/0000	2-10019/0112	06/02/76	40	6929	59.5	94.7	GGGG		23	40
08959N	2846N	2515-15443	00000/0000	2-10019/1126	06/20/76	80	7180	58.9	91.8	GGGG		23	40
09000N	2854N	2635-15383	00000/0000	2-10025/1327	12/17/76	10	9690	28.1	144.0	GGFF		23	40
09000N	2853N	2425-15470	00000/0000	2-10017/0205	03/22/76	90	5925	46.5	123.8	GGGF		23	40
09001N	4607N	2447-16041	00000/0000	2-10017/1302	04/13/76	20	6232	45.6	136.9	GGGG		27	28
09001N	2850N	2605-15415	00000/0000	2-10022/1155	09/18/76	40	8435	48.4	124.9	GGGG		23	40
09002N	4939N	2394-16103	00000/0000	2-10016/0203	02/20/76	70	5493	23.6	146.8	FGGG		28	25
09003N	4606N	2573-16004	00000/0000	2-10021/1097	08/17/76	10	7989	48.1	131.7	FGGG		27	28
09003N	4603N	2429-16044	00000/0000	2-10017/0349	03/26/76	100	5981	39.0	139.7	GGGG		27	28
09003N	2850N	2659-15400	00000/0000	2-10025/0217	11/11/76	30	9188	34.8	143.3	GGGG		23	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0548

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09004w	2851N	2677-15392	00000/0000	2-10025/0752	11/29/76	70	9439	30.7	144.7		
09004w	2846N	2623-15412	00000/0000	2-10023/0530	10/06/76	90	8686	44.3	133.1	GGGG	23 40
09005w	4604N	2591-16002	00000/0000	2-10022/0487	09/04/76	80	8240	43.3	137.5	GGGG	23 40
09005w	2843N	2389-15480	00000/0000	2-10015/0956	02/15/76	70	5423	35.5	134.5	GGGG	27 28
09006w	4559N	2555-16012	00000/0000	2-10021/0447	07/30/76	70	7738	52.2	126.5	GGGG	23 40
09007w	4605N	2699-15562	00000/0000	2-10025/1440	12/21/76	10	9746	15.2	151.2	GGGG	27 28
09007w	4553N	2501-16025	00000/0000	2-10019/0635	06/06/76	0	6985	57.0	124.8	GGGG	27 28
09007w	3313N	2462-15502	00000/0000	2-10018/0355	04/28/76	10	6441	55.5	115.5	GGGG	27 28
09008w	3314N	2444-15505	00000/0000	2-10017/1208	04/10/76	10	6190	50.8	122.3	GGGG	24 37
09008w	3311N	2678-15434	2-10025/1645	00000/0000	11/30/76	10	9453	27.4	146.9	GGG	24 37
09008w	2845N	2407-15472	00000/0000	2-10016/0778	03/04/76	10	5674	40.7	129.5	GGGF	23 40
09008w	2842N	2371-15482	00000/0000	2-10015/0253	01/28/76	0	5172	31.4	139.0	GGGG	23 40
09009w	4558N	2641-15571	00000/0000	2-10025/0855	12/03/76	90	9495	17.2	152.7	GGGG	27 28
09009w	4554N	2519-16022	00000/0000	2-10020/0004	06/24/76	90	7236	56.9	122.6	GGGG	27 28
09009w	3309N	2480-15495	00000/0000	2-10018/1149	05/16/76	50	6692	58.5	108.3	GGGG	24 37
09010w	3312N	2570-15472	00000/0000	2-10021/1001	08/14/76	10	7947	53.5	113.1	GGGG	24 37
09010w	3307N	2498-15492	00000/0000	2-10019/0509	06/03/76	70	6943	59.6	102.3	GGGG	24 37
09011w	4556N	2609-15595	00000/0000	2-10022/1298	09/22/76	90	8491	37.8	143.1	GGGG	27 28
09011w	4551N	2411-16052	00000/0000	2-10016/0938	03/08/76	70	5730	32.3	142.1	GGGF	27 28
09011w	4152N	2446-15594	00000/0000	2-10017/0966	04/12/76	0	6218	47.6	132.3	GGGG	26 31
09011w	3314N	2388-15465	2-10022/1480	2-10022/0370	09/01/76	80	8198	50.2	121.6	GGG	24 37
09011w	3313N	2714-15422	2-10026/0876	2-10026/0266	01/05/77	30	9955	24.6	143.4	GFF	24 37
09011w	3308N	2426-15512	00000/0000	2-10017/0864	03/23/76	0	5939	45.0	128.0	GGGG	24 37
09011w	3308N	2534-15483	00000/0000	2-10020/0679	07/09/76	10	7445	57.9	100.8	GGGG	24 37
09011w	3307N	2552-15480	00000/0000	2-10021/0227	07/27/76	40	7696	56.0	105.6	GGGG	24 37
09012w	4553N	2663-15575	00000/0000	2-10025/0328	11/15/76	10	9244	21.1	152.7	GGG	27 28
09012w	4552N	2627-15591	00000/0000	2-10023/0675	10/10/76	90	8742	32.0	147.8	GGGG	27 28
09012w	4551N	2375-16062	00000/0000	2-10015/0333	02/01/76	40	5228	20.6	147.3	GGGG	27 28
09012w	4551N	2393-16055	00000/0000	2-10016/0120	02/19/76	100	5479	25.9	144.6	FFFG	27 28
09012w	4551N	2645-15583	00000/0000	2-10024/0086	10/18/76	10	8993	26.2	151.1	GGGG	27 28
09012w	4149N	2464-15591	00000/0000	2-10018/0430	06/30/76	70	6469	52.9	127.6	GGGG	24 31
09012w	2816N	2541-15405	00000/0000	2-10023/1350	10/24/76	50	8937	39.9	139.0	GGFG	23 40
09013w	4859N	2448-16030	00000/0000	2-10017/1346	04/14/76	80	6246	44.2	139.9	GGFG	28 26
09013w	3733N	2463-15544	00000/0000	2-10018/0418	04/29/76	50	6455	54.4	121.8	GGGG	25 34
09013w	3312N	2696-15430	2-10025/1661	2-10025/1339	12/18/76	20	9704	25.0	145.9	GGG	24 37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0549

FBR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09013N	3309N	2678-15435	00000/0000	2-10025/0801	11/30/76	0	9453	27.5	146.9	GGGG		24	37
09013N	3302N	2516-15490	00000/0000	2-10019/1334	06/21/76	10	7194	59.2	99.5	GGGG		24	37
09014N	4148N	2716-15511	00000/0000	2-10024/0321	01/07/77	0	9983	18.5	146.9	GGGG		26	31
09014N	4145N	2554-15565	00000/0000	2-10021/0306	07/29/76	80	7724	53.9	119.9	GGGG		26	31
09014N	4141N	2482-15585	00000/0000	2-10018/1203	05/18/76	0	6720	56.7	122.3	GGGG		26	31
09014N	3734N	2445-15552	00000/0000	2-10017/1247	04/11/76	20	6204	49.3	127.4	GGGG		25	34
09014N	3308N	2606-15462	2-10022/1498	2-10022/1167	09/19/76	30	8449	46.2	130.0	GGG	GGGF	24	37
09015N	4856N	2466-16033	00000/0000	2-10018/0489	05/02/76	90	6497	49.9	136.8	GGGG		28	26
09015N	3732N	2571-15515	00000/0000	2-10021/1043	08/15/76	100	7961	52.1	119.7	GGGG		23	34
09016N	4850N	2454-16081	00000/0000	2-10018/1260	05/20/76	30	6748	53.9	133.0	GGGG		23	26
09016N	4147N	2572-15562	00000/0000	2-10021/1055	08/16/76	30	7975	50.3	125.9	GGGG		26	31
09016N	3731N	2715-15464	00000/0000	2-10024/0345	01/06/77	100	9969	21.5	145.2	GGGG		26	31
09016N	3725N	2481-15542	00000/0000	2-10018/1179	05/17/76	100	6706	57.8	115.4	GGGG		25	34
09016N	3305N	2372-15525	00000/0000	2-10015/0054	01/29/76	0	5186	28.8	141.2	GGG		24	37
09016N	3302N	2624-15455	2-10023/1419	2-10023/0556	10/07/76	90	8700	41.5	137.3	GGG	GGGG	24	37
09017N	4149N	2590-15555	00000/0000	2-10022/0431	03/03/76	10	8226	45.9	132.7	GGGG		26	31
09017N	4145N	2698-15515	00000/0000	2-10025/1414	12/20/76	60	9732	18.5	149.5	GGGG		26	31
09017N	4140N	2536-15572	00000/0000	2-10020/0715	07/11/76	10	7473	56.6	116.0	GGGG		26	31
09017N	3728N	2427-15555	00000/0000	2-10017/0442	03/24/76	40	5953	43.2	132.1	GGGF		25	34
09017N	3308N	2660-15443	2-10025/1636	2-10025/0228	11/12/76	10	9202	31.5	145.9	GGG	GGGG	24	37
09017N	3304N	2642-15451	2-10023/1432	2-10023/1332	10/25/76	90	8951	36.5	142.7	GGG	GGGG	24	37
09018N	4145N	2428-16002	00000/0000	2-10017/0467	03/25/76	60	5967	41.2	136.0	GGGF		26	31
09018N	4139N	2500-15582	00000/0000	2-10019/0623	06/05/76	10	6971	58.4	117.6	GGGG		26	31
09018N	3726N	2553-15522	00000/0000	2-10021/0295	07/28/76	10	7710	55.2	112.9	GGGG		25	34
09019N	4856N	2574-16054	00000/0000	2-10021/1157	08/18/76	20	8003	46.4	135.5	GGGG		28	26
09019N	4856N	2592-16051	00000/0000	2-10022/0545	09/05/76	80	8254	41.3	140.8	GGGG		23	26
09019N	4850N	2556-16061	00000/0000	2-10021/0386	07/31/76	10	7752	50.7	130.8	GGGG		28	26
09019N	4143N	2680-15524	00000/0000	2-10025/0829	12/02/76	10	9481	20.6	150.8	GGGG		26	31
09019N	3730N	2697-15473	00000/0000	2-10025/1393	12/19/76	10	9718	21.7	147.7	GGGG		25	34
09019N	3725N	2549-15512	2-10022/1489	2-10022/0382	09/02/76	30	8212	48.3	127.2	GGG	GGGG	25	34
09019N	3725N	2679-15451	00000/0000	2-10025/0810	12/01/76	90	9467	24.1	148.9	GGGG		25	34
09019N	3722N	2499-15535	00000/0000	2-10019/0552	06/04/76	90	6957	59.2	110.0	GGGF		25	34
09019N	3722N	2535-15525	00000/0000	2-10020/0734	07/10/76	10	7459	57.5	108.4	GGGG		25	34
09019N	3259N	2390-15523	00000/0000	2-10015/1041	02/16/76	90	5437	33.2	137.1	GGGG		24	37
09020N	4854N	2718-16003	00000/0000	2-10026/0331	01/09/77	0	11	13.5	149.7	GGGG		28	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 29, 77

LANMSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0550

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09020W 4142N	2608-15552	00000/0000	2-10022/1090	09/21/76	10	8477	40.9	139.1	GGGG			26	31
09020W 4138N	2410-16005	00000/0000	2-10016/0841	03/07/76	20	5716	34.6	139.1	GGGG			26	31
09020W 4137N	2518-15575	00000/0000	2-10019/1357	06/23/76	70	7222	58.2	115.1	GGGG			26	31
09020W 3717N	2517-15533	00000/0000	2-10019/1373	06/22/76	60	7208	59.0	107.3	GGGG			25	34
09020W 2726N	2479-15455	00000/0000	2-10018/1086	05/15/76	20	6678	58.7	98.5	GGGG			23	41
09021W 4854N	2700-16011	00000/0000	2-10025/1470	12/22/76	90	9760	12.9	152.2	GGGG			28	26
09021W 4139N	2626-15544	00000/0000	2-10023/0839	10/09/76	30	8728	35.3	144.6	GGGG			26	31
09021W 4135N	2374-16015	00000/0000	2-10015/0314	01/31/76	60	5214	23.4	145.3	FGGG			26	31
09021W 3725N	2607-15505	00000/0000	2-10022/1204	09/20/76	70	8463	43.7	134.8	GGGG			25	34
09021W 3720N	2643-15494	00000/0000	2-10023/1387	10/26/76	10	8965	33.1	145.7	GGGG			25	34
09021W 2732N	2443-15465	00000/0000	2-10017/1156	04/09/76	30	6176	52.3	115.1	FFFG			23	41
09022W 4851N	2610-16044	00000/0000	2-10022/1316	09/23/76	70	8505	35.5	145.9	GGGG			28	26
09022W 4843N	2520-16071	00000/0000	2-10019/1459	06/25/76	100	7250	55.8	127.3	GGGG			28	26
09022W 4138N	2662-15530	00000/0000	2-10025/0305	11/14/76	0	9230	24.6	150.6	GGGG			26	31
09022W 4137N	2392-16012	00000/0000	2-10016/0074	02/18/76	100	5465	28.4	142.2	FFFG			26	31
09022W 3720N	2409-15563	00000/0000	2-10016/0818	03/06/76	10	5702	36.8	136.0	FFGG			25	34
09022W 2730N	2569-15432	00000/0000	2-10021/0978	08/13/76	40	7933	54.4	104.0	GGGG			23	41
09022W 2726N	2551-15435	00000/0000	2-10021/0188	07/26/76	20	7682	56.1	96.0	FGGG			23	41
09023W 4845N	2538-16064	00000/0000	2-10020/0817	07/13/76	70	7501	54.0	127.8	GGGG			28	26
09023W 4137N	2644-15541	00000/0000	2-10024/0016	10/27/76	10	8979	29.7	148.5	GGGG			26	31
09023W 3723N	2661-15490	00000/0000	2-10025/0274	11/13/76	90	9216	28.1	148.3	GGGF			25	34
09023W 3719N	2373-15572	00000/0000	2-10015/0294	01/30/76	10	5200	26.2	143.3	GGGG			25	34
09023W 2726N	2533-15442	00000/0000	2-10020/0995	07/08/76	90	7431	57.5	90.9	GGGG			23	41
09023W 2720N	2515-15445	00000/0000	2-10019/1127	06/20/76	50	7180	58.7	89.3	GGGG			23	41
09024W 4847N	2642-16020	00000/0000	2-10025/0902	12/04/76	100	9509	14.8	153.9	GGGG			28	26
09024W 4843N	2502-16074	00000/0000	2-10019/0688	06/07/76	20	6999	55.9	129.3	GGGG			28	26
09024W 3721N	2625-15502	00000/0000	2-10023/0620	10/08/76	70	8714	38.5	141.1	GGGG			25	34
09024W 2727N	2425-15472	00000/0000	2-10017/0206	03/22/76	90	5925	47.1	122.3	GGGF			23	41
09025W 3715N	2391-15570	00000/0000	2-10015/1053	02/17/76	90	5451	30.9	139.7	GGFG			25	34
09026W 4842N	2412-16101	00000/0000	2-10016/0857	03/09/76	40	5744	30.8	144.1	GGGG			28	26
09026W 4841N	2646-16032	00000/0000	2-10024/0031	10/29/76	80	9007	23.7	152.9	GGGG			28	26
09028W 4842N	2628-16040	00000/0000	2-10023/0686	10/11/76	50	8756	29.6	150.0	GGGG			28	26
09029W 4837N	2376-16111	00000/0000	2-10015/0375	02/02/76	10	5242	18.9	148.6	GGGG			28	26
09029W 2717N	2389-15443	00000/0000	2-10015/0957	02/15/76	50	5423	36.3	133.5	GGGG			23	41
09032W 2719N	2407-15480	00000/0000	2-10016/0779	03/04/76	10	5674	41.4	128.2	GGGG			23	41

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=UNPROCESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0551

FBR 115

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LBNQ LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09033W	4441N	2465-1604N	00000/0000	2-10014/0457	05/01/76	70	6483	51.8	131.4	GGGG		27	29
09033W	3147N	2462-15504	00000/0000	2-10014/0356	04/28/76	10	6441	55.8	113.3	FFFG		24	38
09034W	3147N	2444-15511	00000/0000	2-10017/1209	04/10/76	10	6190	51.3	120.5	GGGG		24	38
09034W	3143N	2480-15501	00000/0000	2-10018/1150	05/16/76	10	6692	58.7	105.7	GGGG		24	38
09035W	4442N	2447-16044	00000/0000	2-10017/1303	04/13/76	30	6232	46.4	135.3	GGGG		27	29
09036W	3147N	2570-15475	00000/0000	2-10021/1002	08/14/76	50	7947	53.7	110.9	GGGG		24	38
09036W	3147N	2588-15472	00000/0000	2-10022/0371	09/01/76	50	8198	50.7	119.8	GGGG		24	38
09036W	3143N	2426-15515	00000/0000	2-10017/0865	03/23/76	10	5939	45.6	126.5	GGGG		24	38
09036W	3141N	2498-15495	00000/0000	2-10019/0510	06/03/76	30	6943	59.6	99.7	GGGG		24	38
09037W	4440N	2573-16011	00000/0000	2-10021/1098	08/17/76	30	7989	48.8	130.0	GGG		27	29
09037W	4438N	2429-16051	00000/0000	2-10017/0350	03/26/76	100	5981	39.9	138.4	GGGG		27	29
09037W	3143N	2534-15485	00000/0000	2-10020/0680	07/09/76	20	7445	57.9	98.3	GGGG		24	38
09037W	3142N	2552-15482	00000/0000	2-10021/0228	07/27/76	50	7696	56.1	103.3	GGGG		24	38
09038W	3146N	2636-15432	00000/0000	2-10025/1340	12/18/76	20	9704	26.0	145.3	GGGG		24	38
09039W	4814N	2394-16105	00000/0000	2-10016/0204	02/20/76	90	5493	24.5	145.9	FGGG		28	26
09039W	4438N	2591-16004	00000/0000	2-10022/0488	09/04/76	10	8240	44.1	136.1	GGGG		27	29
09039W	4433N	2555-16014	00000/0000	2-10021/0448	07/30/76	60	7738	52.8	124.4	GGGG		27	29
09039W	3136N	2516-15492	00000/0000	2-10019/1335	06/21/76	10	7194	59.2	96.9	GGGG		24	38
09040W	4428N	2501-16031	00000/0000	2-10019/0636	06/06/76	0	6985	57.5	122.3	GGGG		27	29
09040W	3142N	2606-15465	2-10022/1499	2-10022/1168	09/19/76	20	8449	46.9	128.5	GGG FGGF		24	38
09041W	4439N	2699-15564	00000/0000	2-10025/1441	12/21/76	0	9746	16.2	150.6	GGGG		27	29
09041W	4026N	2446-16001	00000/0000	2-10017/0967	04/12/76	0	6218	48.3	130.6	GGGG		26	32
09041W	3608N	2445-15554	00000/0000	2-10017/1248	04/11/76	10	6204	49.9	125.7	GGGG		25	35
09041W	3607N	2463-15551	00000/0000	2-10018/0419	04/29/76	70	6455	54.9	119.6	GGGF		25	35
09041W	3139N	2372-15532	00000/0000	2-10015/0055	01/29/76	0	5186	29.7	140.4	GGGG		24	38
09041W	3136N	2624-15462	00000/0000	2-10023/0557	10/07/76	60	8700	42.4	136.0	GGGG		24	38
09042W	4023N	2464-15594	00000/0000	2-10018/0431	04/30/76	60	6469	53.5	125.6	GGGG		26	32
09042W	3142N	2660-15445	00000/0000	2-10025/0229	11/12/76	30	9202	32.5	145.1	GGG		24	38
09042W	3139N	2642-15454	00000/0000	2-10023/1333	10/25/76	90	8951	37.4	141.7	GGGG		24	38
09043W	4433N	2681-15572	00000/0000	2-10025/0856	12/03/76	90	9495	18.3	152.0	GGGG		27	29
09043W	4429N	2519-16024	00000/0000	2-10020/0005	06/24/76	90	7236	57.4	120.1	GGGG		27	29
09043W	3606N	2571-15521	00000/0000	2-10021/1044	08/15/76	70	7961	52.6	117.7	FGGG		25	35
09043W	3559N	2481-15544	00000/0000	2-10018/1180	05/17/76	100	6706	58.1	112.9	GGGG		25	35
09044W	4431N	2609-16001	00000/0000	2-10022/1299	09/22/76	50	8491	38.8	141.9	GGGG		27	29
09044W	4015N	2482-15591	00000/0000	2-10018/1204	05/18/76	0	6720	57.1	119.9	GGGG		26	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0552

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RALI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09044N	3605N	2715-15471	00000/0000	2-10026/0346	01/06/77	100	9969	22.5	144.6	GGGG		25	35
09044N	3134N	2390-15525	00000/0000	2-10015/1042	02/16/76	80	5437	34.1	136.2	GGGG		24	38
09045N	4428N	2663-15582	00000/0000	2-10025/0329	11/15/76	50	9244	22.2	152.1	FGGG		27	29
09045N	4427N	2393-16062	00000/0000	2-10016/0121	02/19/76	100	5479	26.8	143.7	FFFF		27	29
09045N	4426N	2375-16054	00000/0000	2-10015/0334	02/01/76	0	5228	21.6	146.6	GGGG		27	29
09045N	4426N	2411-16055	00000/0000	2-10016/0939	03/08/76	40	5730	33.2	141.0	GGGG		27	29
09045N	4426N	2645-15590	00000/0000	2-10024/0087	10/28/76	10	8993	27.3	150.3	GGGG		27	29
09045N	4023N	2716-15513	00000/0000	2-10026/0322	01/07/77	0	9983	19.6	146.3	GGGG		26	32
09045N	4019N	2554-15571	00000/0000	2-10021/0307	07/29/76	30	7724	54.3	117.8	FFFF		26	32
09045N	3602N	2427-15562	00000/0000	2-10017/0443	03/24/76	20	5953	43.9	130.7	GGGG		25	35
09045N	3600N	2553-15525	00000/0000	2-10021/0296	07/28/76	10	7710	55.5	110.6	GGGG		25	35
09046N	4427N	2627-15594	00000/0000	2-10023/0676	10/10/76	10	8742	33.0	146.9	GGGG		27	29
09046N	4021N	2572-15584	00000/0000	2-10021/1056	08/16/76	20	7975	50.9	124.0	GGGG		24	32
09046N	3604N	2697-15475	00000/0000	2-10025/1394	12/19/76	30	9718	22.8	147.1	GGGG		25	35
09046N	3600N	2679-15484	00000/0000	2-10025/0811	12/01/76	60	9467	25.2	148.3	GGGG		25	35
09046N	3559N	2589-15515	P-10022/1490	2-10022/0383	09/02/76	70	8212	48.9	125.5	GGG GGGG		25	35
09046N	3557N	2499-15542	00000/0000	2-10019/0553	06/04/76	100	6957	59.4	107.4	GGGF		25	35
09047N	4023N	2590-15561	00000/0000	2-10022/0432	09/03/76	10	8226	46.7	131.1	GGGG		26	32
09047N	4019N	2698-15522	00000/0000	2-10025/1415	12/20/76	50	9732	19.6	148.8	GGGG		26	32
09047N	4015N	2536-15575	00000/0000	2-10020/0716	07/11/76	0	7473	56.9	113.6	GGGG		26	32
09047N	3552N	2517-15535	00000/0000	2-10019/1374	06/22/76	40	7208	59.1	104.6	GGGG		25	35
09048N	4019N	2428-16004	00000/0000	2-10017/0468	03/25/76	20	5967	42.0	134.6	GGGG		26	32
09048N	4014N	2500-15584	00000/0000	2-10019/0624	06/05/76	10	6971	58.7	115.0	GGGG		26	32
09048N	3554N	2643-15500	00000/0000	2-10023/1388	10/26/76	20	8965	34.1	144.8	FGGG		25	35
09049N	4018N	2680-15530	00000/0000	2-10025/0830	12/02/76	80	9481	21.7	150.2	GGGG		25	32
09049N	4011N	2518-15582	00000/0000	2-10019/1358	06/23/76	70	7222	58.5	112.5	GGGG		26	32
09049N	3559N	2607-15512	00000/0000	2-10022/1205	09/20/76	40	8463	44.5	133.4	GGGG		25	35
09049N	3555N	2409-15565	00000/0000	2-10016/0819	03/06/76	10	5702	37.6	134.9	FGGG		25	35
09050N	4734N	2448-16093	00000/0000	2-10017/1347	04/14/76	50	6246	45.1	138.3	GGGG		28	27
09050N	4017N	2608-15554	00000/0000	2-10022/1091	09/21/76	0	8477	41.7	137.8	GGGG		26	32
09050N	4013N	2410-16012	00000/0000	2-10016/0842	03/07/76	0	5716	35.4	138.0	GGGG		26	32
09050N	3557N	2661-15492	00000/0000	2-10025/0275	11/13/76	80	9216	29.1	147.6	GGGF		25	35
09051N	4013N	2626-15551	00000/0000	2-10023/0840	10/09/76	20	8728	36.3	143.6	GGGG		26	32
09051N	4010N	2374-16021	00000/0000	2-10015/0315	11/31/76	20	5214	24.4	144.6	GGGG		26	32
09051N	3556N	2625-15504	00000/0000	2-10023/0621	10/08/76	90	8714	39.4	140.0	GGGG		25	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0553

FBR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MBDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09051N	3554N	2373-15574	00000/0000	2-10015/0295	01/30/76	0	5200	27.1	142.5	GGFF		25	35
09052N	4731N	2466-16090	00000/0000	2-10018/0490	05/02/76	80	6497	50.7	135.0	GGGG		28	27
09052N	4013N	2662-15535	00000/0000	2-10025/0306	11/14/76	10	3230	25.7	149.9	GGGG		26	32
09052N	4012N	2392-16015	00000/0000	2-10016/0075	02/18/76	100	5465	29.3	141.3	GGFG		26	32
09052N	4011N	2644-15543	00000/0000	2-10024/0017	10/27/76	40	8979	30.8	147.7	GGGG		26	32
09053N	3549N	2391-15572	00000/0000	2-10015/1054	02/17/76	90	5461	31.8	138.8	GGFG		25	35
09054N	4724N	2484-16083	00000/0000	2-10018/1261	05/20/76	10	6748	54.6	130.9	FGGG		28	27
09055N	4730N	2574-16060	00000/0000	2-10021/1158	08/18/76	30	8003	47.2	133.8	GGGG		28	27
09055N	4725N	2556-16063	00000/0000	2-10021/0387	07/31/76	10	7752	51.4	128.8	GGGG		28	27
09056N	4731N	2592-16053	00000/0000	2-10022/0546	09/05/76	90	8254	42.1	139.4	GGGG		28	27
09056N	4726N	2430-16100	00000/0000	2-10017/0528	03/27/76	90	5995	38.6	140.8	GGGF		28	27
09057N	4729N	2718-16035	00000/0000	2-10026/0332	01/09/77	10	11	14.6	149.1	GGGG		28	27
09058N	4726N	2410-16050	00000/0000	2-10022/1317	09/23/76	40	8505	36.5	144.7	GGGG		28	27
09058N	3021N	2462-15511	00000/0000	2-10013/0357	04/28/76	20	6441	56.1	111.0	FFG		24	39
09059N	4728N	2700-16014	00000/0000	2-10025/1471	12/22/76	90	9760	14.0	151.6	GGGG		28	27
09059N	4720N	2538-16071	00000/0000	2-10020/0818	07/13/76	50	7501	54.5	125.6	GGGG		28	27
09059N	4718N	2520-16074	00000/0000	2-10019/1460	06/25/76	100	7250	56.4	124.9	GGGG		28	27
09059N	3022N	2444-15514	00000/0000	2-10017/1210	04/10/76	10	6190	51.8	118.6	GGGG		24	39
09059N	3017N	2480-15504	00000/0000	2-10018/1151	05/16/76	10	6692	58.8	103.2	GGGG		24	39
09100N	4722N	2682-16022	00000/0000	2-10025/0903	12/04/76	90	9509	15.9	153.2	GGGG		28	27
09100N	3015N	2498-15501	00000/0000	2-10019/0511	06/03/76	10	6943	59.6	97.0	GGGG		24	39
09101N	4718N	2522-16041	00000/0000	2-10019/0639	06/07/76	10	6999	56.5	127.0	GGGG		28	27
09101N	3021N	2570-15481	00000/0000	2-10021/1003	08/14/76	50	7947	54.0	108.8	GGGG		24	39
09101N	3020N	2558-15474	00000/0000	2-10022/0372	09/01/76	30	8198	51.2	117.9	GGGG		24	39
09101N	3017N	2426-15521	00000/0000	2-10017/0866	03/23/76	30	5939	46.2	125.0	GGGG		24	39
09101N	3016N	2534-15492	00000/0000	2-10020/0681	07/09/76	70	7445	57.8	95.9	GGGG		24	39
09101N	3015N	2552-15485	00000/0000	2-10021/0229	07/27/76	50	7696	56.1	101.0	GGGG		24	39
09102N	4717N	2412-16104	00000/0000	2-10016/0858	03/09/76	90	5744	31.7	143.0	GGGG		28	27
09103N	4717N	2646-16035	00000/0000	2-10024/0032	10/29/76	10	9007	24.8	152.1	FFGG		28	27
09103N	4717N	2664-16031	00000/0000	2-10025/0674	11/16/76	0	9258	19.7	153.5	FFFF		28	27
09103N	3020N	2696-15435	00000/0000	2-10025/1341	12/18/76	40	9704	27.0	144.6	GGGG		24	39
09103N	3011N	2516-15495	00000/0000	2-10019/1336	06/21/76	10	7194	59.1	94.3	GGGG		24	39
09104N	4717N	2628-16043	00000/0000	2-10023/0687	10/11/76	80	8756	30.6	149.0	GGGG		28	27
09105N	4316N	2465-16043	00000/0000	2-10018/0458	05/01/76	50	6483	52.5	129.4	GGGG		27	30
09105N	3017N	2606-15471	2-10022/1500	2-10022/1169	09/19/76	30	8449	47.6	126.9	GGG GGGF		24	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

 LANDSAT-2  
 COORDINATE LISTING  
 FBR 115

PAGE 0554

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09106N	4712N	2376-16113	00000/0000	2-10015/0376	02/02/76	10	5242	19.9	147.9				27
09106N	3016N	2660-15452	00000/0000	2-10025/0230	11/12/76	50	9202	33.5	144.3				39
09106N	3013N	2372-15534	00000/0000	2-10015/0056	01/29/76	0	5186	30.7	139.6				39
09106N	3013N	2642-15460	00000/0000	2-10023/1334	10/25/76	90	8951	38.3	140.7				39
09106N	3010N	2624-15464	00000/0000	2-10023/0558	10/07/76	40	8700	43.2	134.8				39
09107N	4316N	2447-16050	00000/0000	2-10017/1304	04/13/76	10	6232	47.2	133.7				30
09107N	3442N	2463-15553	00000/0000	2-10018/0420	04/29/76	100	6455	55.3	117.4				36
09108N	4313N	2429-16053	00000/0000	2-10017/0351	03/26/76	100	5981	40.7	137.1				36
09108N	3441N	2445-15561	00000/0000	2-10017/1249	04/11/76	10	6204	50.5	123.8				30
09108N	3007N	2390-15532	00000/0000	2-10015/1043	02/16/76	90	5437	34.9	135.2				39
09109N	4315N	2573-16013	00000/0000	2-10021/1099	08/17/76	80	7989	49.5	128.1				30
09110N	3901N	2446-16003	00000/0000	2-10017/0968	04/12/76	0	6218	49.0	128.9				33
09110N	3440N	2571-15524	00000/0000	2-10021/1045	08/15/76	40	7961	52.9	115.6				36
09110N	3439N	2715-15473	00000/0000	2-10026/0347	01/06/77	100	9969	23.6	143.9				36
09110N	3433N	2481-15551	00000/0000	2-10018/1181	05/17/76	90	6706	58.4	110.4				36
09110N	3011N	2408-15525	00000/0000	2-10017/0001	03/05/76	80	5688	40.3	130.4				39
09111N	4313N	2591-16011	00000/0000	2-10022/0489	09/04/76	0	8240	44.9	134.6				30
09111N	4308N	2555-16021	00000/0000	2-10021/0449	07/30/76	70	7738	53.3	122.3				30
09111N	3858N	2464-16000	00000/0000	2-10018/0432	04/30/76	20	6469	54.1	123.5				33
09111N	3436N	2427-15564	00000/0000	2-10017/0444	03/24/76	90	5953	44.6	129.2				36
09111N	3434N	2553-15531	00000/0000	2-10021/0297	07/28/76	10	7710	55.7	108.3				36
09112N	3438N	2627-15432	00000/0000	2-10025/1335	12/19/76	70	9718	23.8	146.5				36
09112N	3431N	2499-15544	00000/0000	2-10019/0554	06/04/76	80	6957	59.6	104.7				36
09112N	3431N	2535-15534	00000/0000	2-10020/0735	07/10/76	10	7459	57.8	103.5				36
09113N	4314N	2699-15571	00000/0000	2-10025/1442	12/21/76	10	9746	17.3	150.0				30
09113N	4303N	2501-16034	00000/0000	2-10019/0637	06/06/76	10	6985	58.0	119.9				30
09113N	3850N	2482-15594	00000/0000	2-10018/1205	05/18/76	10	6720	57.6	117.5				33
09113N	3434N	2679-15490	00000/0000	2-10025/0812	12/01/76	10	9467	26.2	147.6				36
09113N	3433N	2529-15521	2-10022/1491	2-10022/0384	09/02/76	90	8212	49.5	123.8	GFF			36
09113N	3426N	2517-15542	00000/0000	2-10019/1375	06/22/76	10	7208	59.2	102.0				36
09114N	4303N	2519-16031	00000/0000	2-10020/0006	06/24/76	100	7236	57.8	117.6				30
09114N	3856N	2716-15520	00000/0000	2-10024/0323	01/07/77	0	9983	20.6	145.7				33
09114N	3854N	2554-15574	00000/0000	2-10021/0308	07/29/76	40	7724	54.7	115.5				33
09115N	4650N	2394-16112	00000/0000	2-10016/0205	02/20/76	60	5493	25.5	145.1				27
09115N	4307N	2681-15520	00000/0000	2-10025/0857	12/03/76	90	9495	19.4	151.4				30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANKS NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0555

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLUD COVER	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT	RBV	MSS		%				123 45678				
09115N	3850N	2536-15551	00000/0000	2-10020/0717	07/11/76	0	7473	57.2	111.1	GGGG		26	33
09115N	3429N	2409-15572	00000/0000	2-10016/0820	03/06/76	20	5702	38.4	133.7	GGGG		25	36
09115N	3429N	2643-15503	00000/0000	2-10023/1389	10/25/76	30	8965	35.1	143.9	GGGG		25	36
09116N	4306N	2609-16004	00000/0000	2-10022/1300	09/22/76	10	8491	39.7	140.7	GGGG		27	30
09116N	3858N	2590-15564	00000/0000	2-10022/0433	09/03/76	10	8226	47.4	129.5	GGGG		26	33
09116N	3855N	2572-15571	00000/0000	2-10021/1057	08/16/76	40	7975	51.4	122.0	GGGG		26	33
09116N	3854N	2698-15524	00000/0000	2-10025/1416	12/20/76	10	9732	20.6	148.2	GFGG		24	33
09116N	3433N	2607-15514	00000/0000	2-10022/1206	09/20/76	90	8463	45.3	131.9	GGGG		25	36
09116N	3431N	2661-15495	00000/0000	2-10025/0276	11/13/76	90	9216	30.2	146.8	GGGG		25	36
09117N	4302N	2393-16064	00000/0000	2-10016/0122	02/19/76	80	5479	27.8	142.9	FFFF		27	30
09117N	4301N	2411-16061	00000/0000	2-10016/0940	03/08/76	60	5730	34.1	140.0	GGFG		27	30
09117N	4301N	2645-15592	00000/0000	2-10024/0038	10/28/76	0	8993	28.4	149.5	GGGG		27	30
09117N	3854N	2428-16011	00000/0000	2-10017/0469	03/25/76	50	5967	42.8	133.2	GGG		26	33
09117N	3849N	2500-15591	00000/0000	2-10019/0625	06/05/76	60	6971	59.0	112.4	GGGG		26	33
09117N	3428N	2373-15581	00000/0000	2-10015/0296	01/30/76	0	5200	28.1	141.8	GFGG		25	36
09118N	4301N	2375-16071	00000/0000	2-10015/0335	02/01/76	10	5228	22.6	145.9	GGGG		27	30
09118N	4301N	2627-16000	00000/0000	2-10023/0677	10/10/76	10	8742	34.0	145.9	GGGG		27	30
09118N	3845N	2518-15584	00000/0000	2-10019/1359	06/23/76	80	7222	58.8	109.9	GGGF		26	33
09118N	3430N	2625-15511	00000/0000	2-10023/0622	10/08/76	100	8714	40.3	138.9	GGGG		25	36
09119N	3852N	2608-15561	00000/0000	2-10022/1092	09/21/76	0	8477	42.6	136.5	GGGG		26	33
09119N	3847N	2410-16014	00000/0000	2-10016/0843	03/07/76	0	5716	36.3	136.9	GGGG		26	33
09120N	4946N	2503-16130	00000/0000	2-10019/0764	06/08/76	40	7013	55.5	130.9	GGGG		29	25
09120N	3845N	2374-16024	00000/0000	2-10015/0316	01/31/76	50	5214	25.4	143.8	GGFG		26	33
09120N	3423N	2391-15575	00000/0000	2-10016/1055	02/17/76	90	5451	32.7	137.8	GGFG		25	36
09121N	3848N	2662-15541	00000/0000	2-10025/0307	11/14/76	10	9230	26.8	149.2	GGGG		26	33
09121N	3847N	2626-15553	00000/0000	2-10023/0841	10/09/76	10	8728	37.3	142.5	GGGG		26	33
09121N	3846N	2392-16021	00000/0000	2-10016/0076	02/18/76	90	5465	30.2	140.4	GGFG		26	33
09121N	3846N	2644-15550	00000/0000	2-10024/0018	10/27/76	70	8979	31.8	146.8	GGGG		26	33
09122N	2854N	2462-15513	00000/0000	2-10012/0358	04/28/76	30	6441	56.4	108.7	PP		24	40
09123N	2856N	2444-15520	00000/0000	2-10017/1211	04/10/76	10	6190	52.2	116.6	GGGG		24	40
09124N	2849N	2498-15504	00000/0000	2-10019/0512	06/03/76	10	6943	59.5	94.4	GGGG		24	40
09125N	4608N	2448-16095	00000/0000	2-10017/1348	04/14/76	60	6246	45.9	136.7	GGGG		28	28
09125N	2854N	2570-15454	00000/0000	2-10021/1004	08/14/76	50	7947	54.2	106.7	GGGG		24	40
09125N	2854N	2538-15451	00000/0000	2-10022/0373	09/01/76	30	8198	51.6	116.0	GGGG		24	40
09125N	2850N	2552-15491	00000/0000	2-10021/0230	07/27/76	30	7696	56.1	98.6	GGGG		24	40

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING

PAGE 0556

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN RRL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09126N	2851N	2426-15524	00000/0000	2-10017/0867	03/23/76	60	5939	46.8	123.4	GGGG		24	40
09126N	2850N	2534-15494	00000/0000	2-10020/0682	07/09/76	90	7445	57.7	93.4	GGGG		24	40
09127N	4606N	2466-16092	00000/0000	2-10018/0491	05/02/76	90	6497	51.4	133.1	FGGG		28	28
09127N	2854N	2696-15441	00000/0000	2-10025/1342	12/18/76	30	9704	28.0	143.9	GGGG		24	40
09127N	2845N	2516-15501	00000/0000	2-10019/1337	06/21/76	10	7194	58.9	91.7	GGGG		24	40
09129N	4559N	2434-16090	00000/0000	2-10018/1262	05/20/76	0	6748	55.2	128.7	FGGG		28	28
09129N	2851N	2606-15474	2-10022/1501	2-10022/1170	09/19/76	30	8449	48.2	125.3	GGGG		24	40
09129N	2850N	2660-15454	00000/0000	2-10025/0231	11/12/76	90	9202	34.5	143.4	GGGG		24	40
09130W	4601N	2556-16070	00000/0000	2-10021/0388	07/31/76	30	7752	52.0	126.8	GGGG		28	28
09130W	2847N	2372-15541	00000/0000	2-10015/0057	01/29/76	10	5186	31.6	138.8	GGGG		24	40
09130W	2846N	2642-15463	00000/0000	2-10023/1335	10/25/76	90	8951	39.3	139.7	GGGG		24	40
09130W	2844N	2624-15471	00000/0000	2-10023/0559	10/07/76	50	8700	44.0	133.5	GGGG		24	40
09131W	4605N	2574-16063	00000/0000	2-10021/1159	08/18/76	0	8003	47.9	132.0	GGGG		28	28
09131W	4605N	2592-16060	00000/0000	2-10022/0547	09/05/76	40	8254	43.0	137.9	GGGG		28	28
09131W	4601N	2430-16103	00000/0000	2-10017/0529	03/27/76	100	5995	39.4	139.6	GGGG		28	28
09132N	4604N	2718-16012	00000/0000	2-10026/0333	01/09/77	0	11	15.6	148.5	GGGG		28	28
09132N	2844N	2390-15534	00000/0000	2-10015/1044	02/16/76	50	5437	35.7	134.2	GGGG		24	40
09133N	4603N	2700-16020	00000/0000	2-10025/1472	12/22/76	100	9760	15.1	151.0	FGGG		28	28
09133N	4601N	2610-16053	00000/0000	2-10022/1318	09/23/76	10	8505	37.5	143.5	GGGG		28	28
09133N	3315N	2463-15560	00000/0000	2-10018/0421	04/29/76	100	6455	55.7	115.2	GGGG		25	37
09134N	4556N	2538-16073	00000/0000	2-10020/0819	07/13/76	30	7501	55.1	123.3	GGGG		28	28
09134N	4553N	2520-16080	00000/0000	2-10019/1461	06/25/76	70	7250	56.9	122.5	GGGG		28	28
09134N	3315N	2445-15563	00000/0000	2-10017/1250	04/11/76	10	6204	51.1	122.0	GGGG		25	37
09134N	2846N	2408-15531	00000/0000	2-10017/0002	03/05/76	60	5688	41.0	129.2	GGGG		24	40
09135N	4557N	2682-16025	00000/0000	2-10025/0904	12/04/76	50	9509	17.0	152.6	GGGG		28	28
09135N	4553N	2502-16083	00000/0000	2-10019/0690	06/07/76	10	6999	57.1	124.6	FGGG		28	28
09135N	3308N	2481-15553	00000/0000	2-10018/1182	05/17/76	40	6706	58.6	107.9	GGGG		25	37
09136W	4151N	2465-16045	00000/0000	2-10018/0459	05/01/76	20	6483	53.2	127.4	GGGG		27	31
09136W	3314N	2571-15530	00000/0000	2-10021/1046	08/15/76	20	7961	53.3	113.6	GGGG		25	37
09137N	4553N	2412-16110	00000/0000	2-10016/0859	03/09/76	90	5744	32.6	142.0	GGGG		28	28
09137N	3313N	2715-15480	00000/0000	2-10026/0348	01/06/77	100	9969	24.5	143.3	GGGG		25	37
09137N	3310N	2427-15571	00000/0000	2-10017/0445	03/24/76	100	5953	45.3	127.7	FGGG		25	37
09137N	3309N	2553-15534	00000/0000	2-10021/0298	07/28/76	30	7710	55.9	106.0	GGGG		25	37
09138W	4553N	2664-16033	00000/0000	2-10025/0675	11/16/76	0	9258	20.8	152.8	GGGG		28	28
09138W	4552N	2646-16041	00000/0000	2-10024/0033	10/29/76	10	9007	25.9	151.3	GGGG		28	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK; NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED; L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN; H=HIGH GAIN

01:29 APR 28, 1977

LANHSAT-2  
COORDINATE LISTING  
FOR HIS  
FROM 01/22/76 TO 01/22/77

PAGE 0557

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLBD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT	RBV						123 45678				
09138N	3735N	2446-16010	00000/0000	2-10017/0969	04/12/76	10	6218	49.6	127.2	GGGG		
09138N	3306N	2499-15551	00000/0000	2-10019/0555	06/04/76	10	6957	59.6	102.0	FGGG		
09138N	3306N	2535-15541	00000/0000	2-10020/0736	07/10/76	20	7459	57.8	101.0	GGGG		
09139N	4552N	2628-16045	00000/0000	2-10023/0688	10/11/76	80	8756	31.7	148.1	GGGG		
09139N	4150N	2447-16053	00000/0000	2-10017/1305	04/13/76	10	6232	47.9	132.0	GGGG		
09139N	4148N	2429-16060	00000/0000	2-10017/0352	03/26/76	90	5981	41.5	135.8	GGGG		
09139N	3312N	2697-15484	00000/0000	2-10025/1396	12/19/76	80	9718	24.9	145.8	GGGG		
09139N	3308N	2589-15524	2-10022/1492	2-10022/0385	09/02/76	70	8212	50.1	122.0	GGG		
09139N	3307N	2679-15493	00000/0000	2-10025/0813	12/01/76	0	9467	27.3	146.9	GGGG		
09139N	3300N	2517-15544	00000/0000	2-10019/1376	06/22/76	20	7208	59.2	99.4	GGGG		
09140N	4857N	2449-16145	00000/0000	2-10017/1407	04/15/76	10	6260	44.6	139.7	GGFG		
09140N	4150N	2573-16020	00000/0000	2-10021/1100	08/17/76	90	7989	50.1	126.3	GGFG		
09140N	3732N	2464-16073	00000/0000	2-10018/0433	04/30/76	20	6469	54.6	121.4	GGGG		
09141N	4140N	2433-16043	00000/0000	2-10018/1288	05/19/76	0	6734	56.8	122.0	GGGG		
09141N	3725N	2482-16000	00000/0000	2-10018/1206	05/18/76	10	6720	57.9	115.0	GGGG		
09141N	3306N	2607-15521	00000/0000	2-10022/1207	09/20/76	90	8463	46.0	130.4	GGGG		
09141N	3303N	2409-15574	00000/0000	2-10016/0821	03/06/76	60	5702	39.2	132.6	GGGG		
09142N	4855N	2467-16142	00000/0000	2-10018/0480	05/03/76	10	6511	50.2	136.6	GGGG		
09142N	4547N	2376-16120	00000/0000	2-10015/0377	02/02/76	10	5242	20.9	147.1	GGGG		
09142N	4143N	2555-16023	00000/0000	2-10021/0450	07/30/76	20	7738	53.8	120.2	GGGG		
09142N	3729N	2554-15580	00000/0000	2-10021/0309	07/29/76	70	7724	55.1	113.3	GGGG		
09142N	3306N	2651-15511	00000/0000	2-10025/0277	11/13/76	90	9216	31.2	146.0	GGGG		
09142N	3303N	2643-15505	00000/0000	2-10023/1190	10/26/76	30	8965	36.1	143.0	GGGG		
09143N	4147N	2591-16013	00000/0000	2-10022/0490	09/04/76	0	8240	45.7	133.0	GGGG		
09143N	3730N	2716-15522	00000/0000	2-10026/0324	01/07/77	0	9983	21.6	145.0	GGGG		
09143N	3724N	2536-15584	00000/0000	2-10020/0718	07/11/76	0	7473	57.4	108.7	GGGG		
09143N	3302N	2373-15583	00000/0000	2-10015/0297	01/30/76	0	5200	29.0	141.0	FFGG		
09144N	4149N	2639-15573	00000/0000	2-10025/1443	12/21/76	60	9746	18.4	149.4	FFFF		
09144N	4138N	2501-16040	00000/0000	2-10019/0638	06/06/76	10	6985	58.4	117.3	FGGG		
09144N	3732N	2590-15570	00000/0000	2-10022/0434	09/03/76	60	8226	48.0	127.8	GGGG		
09144N	3730N	2572-15573	00000/0000	2-10021/1058	08/16/76	80	7975	51.9	120.1	GGGG		
09144N	3304N	2625-15513	00000/0000	2-10023/0623	10/08/76	100	8714	41.2	137.7	GGGG		
09145N	4858N	2575-16112	00000/0000	2-10021/1211	08/19/76	60	8017	46.1	135.8	GGGG		
09145N	4855N	2701-16065	00000/0000	2-10025/1504	12/23/76	10	9774	12.9	152.1	GGFG		
09145N	4853N	2431-16152	00000/0000	2-10017/0515	03/28/76	70	6009	38.0	142.0	FGGG		

KEYS: CLBD COVER % ..... 0 TO 100 = % CLBD COVER.  
 IMAGE QUALITY ..... BLANKS=AND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0558

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT		RBV MSS						123 45678				
09145N	4139N	2537-16030	00000/0000 2-10020/0766	07/12/76	0	7487	56.5	116.1					
09145W	4138N	2519-16039	00000/0000 2-10020/0007	06/24/76	100	7236	58.2	115.1	GGGG			27	31
09145W	3729N	2428-16013	00000/0000 2-10017/0470	03/25/76	100	5967	43.5	131.8	GGFG			27	31
09145W	3728N	2698-15531	00000/0000 2-10025/1417	12/20/76	0	9732	21.7	147.6	GGGF			26	34
09145W	3723N	2600-15593	00000/0000 2-10019/0626	06/05/76	80	5971	59.3	109.8	GGGG			26	34
09145N	3719N	2518-15531	00000/0000 2-10019/1360	06/23/76	90	7222	59.0	107.3	GGGG			26	34
09146W	4848N	2485-16135	00000/0000 2-10018/1327	05/21/76	0	6762	54.1	132.8	GGGG			26	34
09146W	4142N	2681-15582	00000/0000 2-10025/0858	12/03/76	90	9495	20.5	150.2	GGGG			29	26
09146W	4140N	2609-16010	00000/0000 2-10022/1301	09/22/76	0	8491	40.6	139.4	GGGG			27	31
09146W	3257N	2391-15581	00000/0000 2-10015/1056	02/17/76	90	5451	33.5	136.9	GGGG			27	31
09147N	4855N	2593-16105	00000/0000 2-10022/0583	09/06/76	10	8268	41.0	141.1	GGGG			25	37
09147N	4849N	2557-16115	00000/0000 2-10021/0400	08/01/76	20	7766	50.5	131.0	GGGG			29	26
09147N	4137N	2393-16071	00000/0000 2-10016/0123	02/19/76	20	5479	28.7	142.0	GGGG			29	26
09147N	3726N	2608-15563	00000/0000 2-10022/1093	09/21/76	0	8477	43.4	135.2	GGGG			27	31
09147N	3722N	2410-16021	00000/0000 2-10016/0844	03/07/76	10	5716	37.1	135.8	GGGG			26	34
09148N	4851N	2611-16102	00000/0000 2-10022/1382	09/24/76	60	8519	35.2	146.1	GGGG			26	34
09148N	4137N	2627-16003	00000/0000 2-10023/0678	10/10/76	10	8742	35.0	144.9	GGGG			29	26
09148W	4137N	2645-15595	00000/0000 2-10024/0089	10/28/76	10	8993	29.4	148.7	GGGG			27	31
09148W	4135N	2411-16064	00000/0000 2-10016/0941	03/08/76	40	5730	34.9	138.9	GGGG			27	31
09148W	3721N	2644-15552	00000/0000 2-10024/0019	10/27/76	90	8979	32.8	145.9	GGGG			27	31
09148W	3719N	2374-16030	00000/0000 2-10015/0317	01/31/76	70	5214	26.4	143.1	FGGG			26	34
09149N	4847N	2643-16074	00000/0000 2-10025/0948	12/05/76	10	9523	14.6	153.8	GGGG			26	34
09149N	4525N	2394-16114	00000/0000 2-10016/0206	02/20/76	80	5493	26.5	144.2	GGGG			29	26
09149N	4136N	2375-16072	00000/0000 2-10015/0336	02/01/76	20	5228	23.6	145.1	FGGG			28	28
09149N	3722N	2626-15560	00000/0000 2-10023/0842	10/09/76	0	8728	38.2	141.4	GGGG			27	31
09149N	3722N	2662-15544	00000/0000 2-10025/0308	11/14/76	70	9230	27.8	148.4	GGGG			26	34
09150N	4844N	2539-16122	00000/0000 2-10020/0897	07/14/76	30	7515	53.8	127.9	GGGG			26	34
09150N	3721N	2392-16024	00000/0000 2-10016/0077	02/18/76	70	5465	31.1	139.5	GGGG			29	26
09151N	4840N	2521-16130	00000/0000 2-10019/1481	06/26/76	40	7264	55.8	127.2	GGGG			26	34
09152N	4842N	2395-16163	00000/0000 2-10016/0218	02/21/76	0	5507	24.6	146.1	GGGG			29	26
09152N	4841N	2413-16160	00000/0000 2-10016/0986	03/10/76	0	5758	31.2	143.9	GGGG			29	26
09152N	4841N	2647-16091	00000/0000 2-10024/0173	10/30/76	90	9021	23.4	153.0	GGGG			29	26
09152W	4838N	2377-16165	00000/0000 2-10015/0416	02/03/76	70	5256	19.1	148.5	GGGG			29	26
09153N	4842N	2665-16082	00000/0000 2-10025/0920	11/17/76	50	9272	18.3	154.2	GGGG			29	26
09154N	4840N	2629-16095	00000/0000 2-10023/0750	10/12/76	10	8770	29.3	150.2	GGGG			29	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
COORDINATE LISTING

PAGE 0559

FOR ISS  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
09157W	4821N	2503-16133	00000/0000	2-10019/0765	06/08/76	30	7013	56.1	128.6	GGGG		29	26
09159W	4443N	2448-16102	00000/0000	2-10017/1349	04/14/76	90	6246	46.7	135.1	GGGG		28	29
09159W	3149N	2445-15570	00000/0000	2-10017/1237	04/11/76	10	6204	51.6	120.1	G GG		25	38
09159W	3149N	2463-15562	00000/0000	2-10018/0422	04/29/76	100	6455	56.0	112.9	GGGG		25	38
09200W	4440N	2466-16035	00000/0000	2-10018/0492	05/02/76	90	6497	52.1	131.1	GGGG		28	29
09200W	3142N	2481-15560	00000/0000	2-10018/1183	05/17/76	30	6706	58.8	105.3	GGGG		25	38
09202W	3148N	2571-15533	00000/0000	2-10021/1047	08/15/76	40	7961	53.6	111.5	GGGG		25	38
09202W	3147N	2715-15482	00000/0000	2-10026/0349	01/06/77	90	9969	25.5	142.6	GGGG		25	38
09202W	3143N	2553-15540	00000/0000	2-10021/0299	07/28/76	40	7710	56.0	103.7	GGGG		25	38
09203W	4434N	2484-16032	00000/0000	2-10018/1263	05/20/76	10	6748	55.9	126.4	GGGG		25	38
09203W	3144N	2427-15573	00000/0000	2-10017/0446	03/24/76	90	5953	45.9	126.2	GGGF		25	38
09203W	3141N	2535-15543	00000/0000	2-10020/0737	07/10/76	70	7459	57.8	98.5	GGGG		25	38
09203W	3140N	2499-15553	00000/0000	2-10019/0556	06/04/76	10	6957	59.6	99.4	GGGG		25	38
09204W	4440N	2574-16065	00000/0000	2-10021/1160	08/18/76	0	8003	48.6	130.3	GGGG		28	29
09204W	4436N	2430-16105	00000/0000	2-10017/0530	03/27/76	90	5995	40.3	138.2	GGGG		28	29
09204W	4436N	2556-16072	00000/0000	2-10021/0389	07/31/76	70	7752	52.6	124.7	GGGG		28	29
09205W	4440N	2592-16062	00000/0000	2-10022/0548	09/05/76	10	8254	43.8	136.4	GGGG		28	29
09205W	4438N	2718-16014	00000/0000	2-10026/0334	01/09/77	0	11	16.6	147.8	GGGG		28	29
09205W	3141N	2589-15530	2-10022/1493	2-10022/0386	09/02/76	40	8212	50.6	120.2	GGG GGGG		25	38
09205W	3141N	2679-15495	00000/0000	2-10025/0814	12/01/76	10	9467	28.3	146.2	GGGG		25	38
09205W	3134N	2517-15551	00000/0000	2-10019/1377	06/22/76	20	7208	59.1	96.8	GGGG		25	38
09206W	4438N	2700-16023	00000/0000	2-10025/1473	12/22/76	100	9760	16.2	150.4	GGGG		28	29
09206W	4436N	2610-16055	00000/0000	2-10022/1319	09/23/76	10	8505	38.4	142.3	FGGG		28	29
09206W	3609N	2446-16012	00000/0000	2-10017/0970	04/12/76	80	6218	50.2	125.4	PGGG		26	35
09206W	3137N	2409-15581	00000/0000	2-10016/0822	03/06/76	90	5702	39.9	131.4	FGFG		25	38
09207W	4428N	2520-16083	00000/0000	2-10019/1462	06/25/76	20	7250	57.3	120.1	GGGG		28	29
09207W	4025N	2465-16052	00000/0000	2-10018/0460	05/01/76	10	6483	53.8	125.3	GGGG		27	32
09207W	3606N	2464-16005	00000/0000	2-10018/0434	04/30/76	60	6469	55.1	119.2	GGFG		26	35
09207W	3140N	2607-15523	00000/0000	2-10022/1208	09/20/76	90	8463	46.7	128.9	GGGG		25	38
09207W	3140N	2661-15504	00000/0000	2-10025/0278	11/13/76	90	9216	32.3	145.2	GGGG		25	38
09208W	4432N	2538-16030	00000/0000	2-10020/0820	07/13/76	20	7501	55.5	121.0	GGGG		28	29
09208W	4427N	2502-16090	00000/0000	2-10019/0691	06/07/76	10	6999	57.6	122.1	GGGG		28	29
09208W	3138N	2643-15512	00000/0000	2-10023/1391	10/26/76	40	8965	37.1	142.0	GGGG		25	38
09208W	3137N	2373-15590	00000/0000	2-10015/0298	11/30/76	0	5200	30.0	140.2	GGGG		25	38
09209W	4432N	2682-16031	00000/0000	2-10025/0905	12/04/76	30	9509	18.1	152.0	GGGG		28	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0560

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN RLL	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL REV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS						123 45678				
09209 <sub>N</sub>	4023N	2429-16062	00000/0000	2-10017/0353	03/26/76	80	5981	42.3	134.4	GGGG		27	32
09209 <sub>N</sub>	3559N	2432-16003	00000/0000	2-10018/1207	05/18/76	10	6720	58.3	112.5	GGGG		26	35
09209 <sub>N</sub>	3139N	2623-15520	00000/0000	2-10023/0624	10/08/76	100	8714	42.1	136.5	GGGG		25	38
09210 <sub>N</sub>	4024N	2573-16022	00000/0000	2-10021/1101	08/17/76	70	7989	50.7	124.4	GGGG		27	32
09210 <sub>N</sub>	3604N	2554-15583	00000/0000	2-10021/0310	07/29/76	80	7724	55.3	111.0	GGGG		26	35
09210 <sub>N</sub>	3559N	2536-15590	00000/0000	2-10021/0719	07/11/76	10	7473	57.6	106.2	GGGG		24	36
09211 <sub>N</sub>	4422N	2412-16113	00000/0000	2-10016/0860	03/09/76	90	5744	33.5	140.9	GGGG		28	29
09211 <sub>N</sub>	4427N	2646-16044	00000/0000	2-10024/0034	10/29/76	20	9007	27.0	150.5	GGGG		28	29
09211 <sub>N</sub>	4015N	2433-16045	00000/0000	2-10018/1289	05/19/76	10	6734	57.3	119.6	GGGG		27	32
09211 <sub>N</sub>	3606N	2590-15573	00000/0000	2-10022/0435	09/03/76	100	8226	48.7	126.1	GGGG		26	35
09211 <sub>N</sub>	3605N	2716-15525	00000/0000	2-10026/0325	01/07/77	10	9983	22.6	144.4	GGGG		26	35
09211 <sub>N</sub>	3132N	2391-15584	00000/0000	2-10015/1057	02/17/76	90	5451	34.4	135.9	GGGG		25	38
09212 <sub>N</sub>	4428N	2664-16040	00000/0000	2-10025/0676	11/16/76	0	9258	21.9	152.1	GGG		28	29
09212 <sub>N</sub>	4018N	2555-16030	00000/0000	2-10021/0451	07/30/76	90	7738	54.2	118.0	GGGG		27	32
09212 <sub>N</sub>	3605N	2572-15580	00000/0000	2-10021/1059	08/16/76	40	7975	52.4	118.1	GGGG		26	35
09212 <sub>N</sub>	3602N	2698-15533	00000/0000	2-10025/1418	12/20/76	0	9732	22.7	147.0	GGGG		26	35
09212 <sub>N</sub>	3557N	2500-16000	00000/0000	2-10019/0627	06/05/76	90	6971	59.5	107.1	GGGG		26	35
09212 <sub>N</sub>	3553N	2518-15593	00000/0000	2-10019/1361	06/23/76	100	7222	59.1	104.7	GGGG		26	35
09213 <sub>N</sub>	4428N	2628-16052	00000/0000	2-10023/0689	10/11/76	30	8756	32.7	147.1	GGGG		28	29
09213 <sub>N</sub>	4022N	2591-16020	00000/0000	2-10022/0491	09/04/76	10	8240	46.4	131.4	GGGG		27	32
09213 <sub>N</sub>	4012N	2501-16043	00000/0000	2-10019/0639	06/06/76	10	6985	58.8	114.8	GGGG		27	32
09214 <sub>N</sub>	4024N	2699-15580	00000/0000	2-10025/1444	12/21/76	40	9746	19.5	148.8	GGGG		27	32
09214 <sub>N</sub>	4012N	2519-16040	00000/0000	2-10020/0008	06/24/76	90	7236	58.5	112.5	GGFG		27	32
09214 <sub>N</sub>	3556N	2410-16023	00000/0000	2-10016/0845	03/07/76	0	5716	37.9	134.7	GGGG		26	35
09215 <sub>N</sub>	4422N	2376-16122	00000/0000	2-10015/0378	02/02/76	10	5242	21.9	146.4	GGGG		28	29
09215 <sub>N</sub>	4014N	2537-16033	00000/0000	2-10020/0767	07/12/76	10	7487	56.8	113.7	GGGG		27	32
09215 <sub>N</sub>	3600N	2608-15570	00000/0000	2-10027/1094	09/21/76	0	8477	44.2	133.8	GGGG		26	35
09215 <sub>N</sub>	3555N	2644-15555	00000/0000	2-10024/0020	10/27/76	100	8979	33.9	145.0	GGGG		26	35
09216 <sub>N</sub>	4732N	2449-16151	00000/0000	2-10017/1408	04/15/76	70	6260	45.4	138.1	GGFG		29	27
09216 <sub>N</sub>	4017N	2681-15585	00000/0000	2-10025/0859	12/03/76	40	9495	21.6	150.2	GGGG		27	32
09216 <sub>N</sub>	4015N	2609-16013	00000/0000	2-10022/1302	09/22/76	0	8491	41.5	138.2	GGGG		27	32
09216 <sub>N</sub>	3557N	2662-15550	00000/0000	2-10025/0291	11/14/76	100	9230	28.9	147.7	GGGG		26	35
09216 <sub>N</sub>	3554N	2374-16033	00000/0000	2-10015/0318	01/31/76	70	5214	27.3	142.3	GGGG		26	35
09217 <sub>N</sub>	4012N	2393-16073	00000/0000	2-10016/0124	02/19/76	10	5479	29.6	141.1	GGGG		27	32
09217 <sub>N</sub>	4012N	2645-16001	00000/0000	2-10024/0090	10/28/76	10	8993	30.5	147.8	GGGG		27	32

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0561

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09217	4010N	2411-16070	00000/0000	2-10016/0942	03/08/76	80	5730	35.8	137.8	GGGG		27	32
09217	3556N	2626-15562	00000/0000	2-10023/0639	10/09/76	0	8728	39.1	140.3	FGGG		26	35
09217	3555N	2392-16030	00000/0000	2-10016/0078	02/18/76	40	5465	32.0	138.6	GGGG		26	35
09218	4011N	2627-16005	00000/0000	2-10023/0679	10/10/76	50	8742	36.0	143.8	GGGG		27	32
09219	4730N	2467-16144	00000/0000	2-10018/0481	05/03/76	10	5511	50.9	134.7	GGGG		29	32
09219	4010N	2375-16080	00000/0000	2-10015/0337	02/01/76	10	5228	24.6	144.4	FGGG		27	32
09221	4727N	2431-16154	00000/0000	2-10017/0516	03/28/76	60	6009	38.9	140.7	GGGG		29	27
09222	4732N	2575-16114	00000/0000	2-10021/1212	08/19/76	40	8017	46.9	134.1	FGGG		29	27
09222	4730N	2701-16072	00000/0000	2-10025/1505	12/23/76	10	9774	14.0	151.5	GGGG		29	27
09222	4730N	2719-16064	00000/0000	2-10026/0377	01/10/77	0	25	14.6	148.9	GGGG		29	27
09222	4400N	2394-16121	00000/0000	2-10016/0207	02/20/76	90	5493	27.4	143.3	FGFF		28	27
09223	4730N	2593-16112	00000/0000	2-10027/0584	09/06/76	0	8268	41.9	139.6	GGGG		29	27
09223	4724N	2557-16122	00000/0000	2-10021/0401	08/01/76	10	7766	51.2	129.0	GGGG		29	27
09223	4723N	2485-16141	00000/0000	2-10018/1328	05/21/76	10	6762	54.8	130.6	GGGG		29	27
09223	3023N	2463-15565	00000/0000	2-10018/0423	04/29/76	90	6455	56.3	110.6	GGGG		25	39
09224	3023N	2445-15572	00000/0000	2-10017/1238	04/11/76	30	6204	52.0	118.2	G GGG		25	39
09225	4726N	2611-16104	00000/0000	2-10027/1383	09/24/76	0	8519	36.2	144.9	GGGG		29	27
09225	3017N	2481-15562	00000/0000	2-10018/1184	05/17/76	10	6706	58.8	102.7	GGGG		25	39
09226	4722N	2623-16080	00000/0000	2-10025/0949	12/05/76	20	9523	15.7	153.2	GGGG		29	27
09227	4719N	2539-16125	00000/0000	2-10020/0695	07/14/76	30	7515	54.4	125.7	GGGG		29	27
09227	4716N	2521-16132	00000/0000	2-10019/1462	06/26/76	10	7264	56.3	124.3	FGGG		29	27
09227	3022N	2571-15535	00000/0000	2-10021/1048	08/15/76	50	7961	53.8	109.3	GGGG		25	39
09227	3019N	2427-15580	00000/0000	2-10017/0447	03/24/76	90	5953	46.5	124.7	GGGG		25	39
09227	3017N	2553-15543	00000/0000	2-10021/0300	07/28/76	40	7710	56.0	101.4	GGGG		25	39
09227	3014N	2499-15560	00000/0000	2-10019/0557	06/04/76	10	6957	59.6	96.8	FGGG		25	39
09228	4718N	2395-16165	00000/0000	2-10016/0219	02/21/76	10	5507	25.5	145.2	GGGG		29	27
09228	4717N	2413-16162	00000/0000	2-10016/0987	03/10/76	10	5758	32.1	142.9	GGGG		29	27
09228	4716N	2647-16093	00000/0000	2-10024/0174	10/30/76	70	9021	24.5	152.2	GGFG		29	27
09228	4713N	2377-16172	00000/0000	2-10015/0417	02/03/76	70	5256	20.2	147.7	GGFG		29	27
09228	3014N	2535-15550	00000/0000	2-10020/0738	07/10/76	90	7459	57.7	96.0	GGFF		25	39
09229	4717N	2665-16085	00000/0000	2-10025/0921	11/17/76	60	9272	19.4	153.5	GGGF		29	27
09229	3016N	2679-15502	00000/0000	2-10025/0815	12/01/76	20	9467	29.4	145.5	GGGG		25	39
09229	3015N	2589-15532	2-10022/1494	2-10027/0387	09/02/76	30	8212	51.0	118.3	GGG FGFG		25	39
09230	4715N	2629-16101	00000/0000	2-10023/0751	10/12/76	20	8770	30.3	149.2	GGGG		29	27
09230	3009N	2517-15553	00000/0000	2-10019/1378	06/22/76	70	7208	59.0	94.2	GGGG		25	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

31:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0562

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MDDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09231N	4318N	2448-16104	00000/0000	2-10017/1350	04/14/76	90	6246	47.5	133.5	GGGG		28	30
09231N	3014N	2607-15530	00000/0000	2-10022/1209	09/20/76	100	8463	47.4	127.4	GGGG		25	39
09231N	3014N	2661-15510	00000/0000	2-10025/0279	11/13/76	90	9216	33.3	144.4	GGGG		25	39
09231N	3011N	2409-15533	00000/0000	2-10016/0823	03/06/76	100	5702	40.7	130.1	FGFG		25	39
09233N	4657N	2503-16135	00000/0000	2-10019/0766	06/08/76	10	7013	56.7	126.2	GGGG		29	27
09233N	4315N	2466-16101	00000/0000	2-10018/0493	05/02/76	80	6497	52.8	129.1	GGGG		28	30
09233N	3443N	2446-16015	00000/0000	2-10017/0971	04/12/76	80	6218	50.8	123.5	PGFG		26	36
09233N	3012N	2643-15514	00000/0000	2-10023/1392	10/26/76	30	8965	38.1	141.0	GGGG		25	39
09233N	3010N	2373-15532	00000/0000	2-10015/0299	01/30/76	0	5200	30.9	139.4	FGGG		25	39
09234N	3014N	2625-15522	00000/0000	2-10023/0625	10/08/76	100	8714	42.9	135.2	GGGG		25	39
09235N	4308N	2484-16095	00000/0000	2-10018/1264	05/20/76	30	6748	56.4	124.1	GFGG		28	30
09236N	4314N	2574-16072	00000/0000	2-10021/1161	08/18/76	10	8003	49.3	128.5	GGGG		28	30
09236N	4311N	2430-16112	00000/0000	2-10017/0531	03/27/76	90	5995	41.1	136.9	GGGG		28	30
09236N	3900N	2465-16054	00000/0000	2-10018/0461	05/01/76	10	6483	54.3	123.2	GGGG		27	33
09236N	3438N	2554-15535	00000/0000	2-10021/0311	07/29/76	40	7724	55.6	108.7	GGGG		26	36
09236N	3433N	2482-16005	00000/0000	2-10018/1208	05/18/76	10	6720	58.5	110.0	GGGG		26	36
09236N	3006N	2391-15590	00000/0000	2-10015/1058	02/17/76	90	5451	35.2	134.9	GGGG		25	39
09237N	4315N	2592-16065	00000/0000	2-10022/0549	09/05/76	0	8254	44.6	135.0	GGGG		28	30
09237N	4313N	2718-16021	00000/0000	2-10026/0335	01/09/77	30	11	17.7	147.2	GGFG		28	30
09237N	4311N	2556-16075	00000/0000	2-10021/0390	07/31/76	60	7752	53.1	122.7	GGGG		28	30
09237N	3859N	2447-16062	00000/0000	2-10017/1306	04/13/76	20	6232	49.3	128.6	GGGG		27	33
09237N	3434N	2536-15542	00000/0000	2-10020/0720	07/11/76	10	7473	57.7	103.7	GGGG		26	36
09238N	4313N	2700-16025	00000/0000	2-10025/1474	12/22/76	70	9760	17.3	149.8	GGGG		28	30
09238N	4311N	2610-16062	00000/0000	2-10022/1320	09/23/76	0	8505	39.3	141.1	GFGF		28	30
09238N	3440N	2590-15575	00000/0000	2-10022/0436	09/03/76	90	8226	49.3	124.4	GGGG		26	36
09238N	3439N	2572-15582	00000/0000	2-10021/1060	08/16/76	20	7975	52.8	116.0	GGGG		26	36
09238N	3439N	2716-15531	00000/0000	2-10026/0326	01/07/77	10	9983	23.6	143.7	GGGG		26	36
09238N	3431N	2500-16002	00000/0000	2-10019/0628	06/05/76	90	6971	59.6	104.5	GGGG		26	36
09238N	3428N	2515-16000	00000/0000	2-10019/1362	06/23/76	90	7222	59.1	102.1	GGGG		26	36
09239N	4302N	2520-16035	00000/0000	2-10019/1463	06/25/76	0	7250	57.8	117.6	GGGG		28	30
09239N	3858N	2429-16065	00000/0000	2-10017/0354	03/26/76	70	5981	43.1	133.0	GGGG		27	33
09239N	3858N	2573-16025	00000/0000	2-10021/1102	08/17/76	20	7989	51.2	122.5	GGG		27	33
09239N	3849N	2483-16052	00000/0000	2-10018/1290	05/19/76	0	6734	57.7	117.1	GGGG		27	33
09239N	3436N	2698-15540	00000/0000	2-10025/1419	12/20/76	0	9732	23.8	146.4	GGGG		26	36
09240N	4307N	2538-16042	00000/0000	2-10020/0821	07/13/76	10	7501	56.0	118.7	GGGG		28	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0563

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN RBLI RBV MSS	ROLL NO./ IN RBLI MSS	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09240N	4302N	2502-16092	00000/0000	2-10019/0692	06/07/76	10	6999	58.0	119.6	GGGG		28	30
09240N	3435N	2680-15544	00000/0000	2-10025/0831	12/02/76	0	9481	26.0	147.6	GGGG		26	36
09241N	4307N	2682-16034	00000/0000	2-10025/0906	12/04/76	30	9509	19.2	151.4	GGGG		28	30
09241N	3852N	2555-16032	00000/0000	2-10021/0452	07/30/76	30	7738	54.6	115.8	GGGG		27	33
09241N	3430N	2410-16030	00000/0000	2-10016/0846	03/07/76	30	5716	38.7	133.5	GGGG		26	36
09241N	3429N	2644-15561	00000/0000	2-10024/0021	10/27/76	90	8579	34.9	144.1	GGGG		26	36
09242N	3855N	2591-16022	00000/0000	2-10027/0492	09/04/76	10	8240	47.1	129.8	GGGG		27	33
09242N	3847N	2501-16045	00000/0000	2-10019/0640	06/06/76	10	6985	59.1	112.2	GGGG		27	33
09242N	3434N	2608-15572	00000/0000	2-10022/1095	09/21/76	0	8477	45.0	132.4	GGGG		26	36
09242N	3431N	2662-15553	00000/0000	2-10025/0292	11/14/76	100	9230	29.9	146.9	GGGG		26	36
09242N	3428N	2374-16035	00000/0000	2-10015/0319	01/31/76	60	5214	28.3	141.6	GGGG		26	36
09243N	4303N	2412-16115	00000/0000	2-10016/0861	03/09/76	90	5744	34.4	139.8	GGGG		28	30
09243N	4302N	2646-16050	00000/0000	2-10024/0035	10/29/76	30	9007	28.0	149.7	GGGG		28	30
09243N	3858N	2699-15582	00000/0000	2-10025/1445	12/21/76	0	9746	20.5	148.1	FGGG		27	33
09243N	3847N	2519-16042	00000/0000	2-10020/0009	06/24/76	90	7236	58.7	109.9	GGGG		27	33
09243N	3431N	2626-15565	00000/0000	2-10023/0640	10/09/76	0	8728	40.0	139.2	GGGG		26	36
09244N	4303N	2664-16042	00000/0000	2-10025/0677	11/16/76	0	9258	23.0	151.4	GGGG		28	30
09244N	3852N	2681-15591	00000/0000	2-10025/0860	12/03/76	10	9495	22.6	149.5	GGGG		27	33
09244N	3848N	2537-16035	00000/0000	2-10020/0768	07/12/76	10	7487	57.1	111.3	GGGG		27	33
09244N	3429N	2392-16033	00000/0000	2-10016/0079	02/18/76	10	5465	32.9	137.7	GGGG		26	36
09245N	4303N	2628-16054	00000/0000	2-10023/0690	10/11/76	50	8756	33.7	146.1	GGGG		28	30
09245N	4300N	2394-16122	00000/0000	2-10016/0187	02/20/76	90	5493	28.1	142.7	GGGG		28	30
09245N	3849N	2609-16015	00000/0000	2-10025/1303	09/22/76	0	8491	42.3	136.9	GGGG		27	33
09245N	3847N	2645-16004	00000/0000	2-10024/0091	10/28/76	10	8993	31.5	147.0	GGGG		27	33
09246N	3846N	2393-16080	00000/0000	2-10016/0125	02/19/76	0	5479	30.5	140.2	GGGG		27	33
09246N	3846N	2411-16073	00000/0000	2-10016/0943	03/08/76	90	5730	36.7	136.7	GGGG		27	33
09247N	4257N	2376-16125	00000/0000	2-10015/0379	02/02/76	80	5242	22.9	145.7	FGFG		28	30
09247N	3846N	2627-16012	00000/0000	2-10023/0680	10/10/76	30	8742	37.0	142.8	GGGG		27	33
09248N	3845N	2375-16002	00000/0000	2-10015/0338	02/01/76	30	5228	25.6	143.7	FGGG		27	33
09251N	2856N	2571-15542	00000/0000	2-10021/1049	08/15/76	50	7961	54.0	107.2	GGGG		25	40
09251N	2852N	2427-15582	00000/0000	2-10017/0448	03/24/76	50	5953	47.1	123.1	GGFG		25	40
09251N	2852N	2553-15545	00000/0000	2-10021/0301	07/28/76	30	7710	56.0	99.1	GGGG		25	40
09251N	2848N	2499-15562	00000/0000	2-10019/0558	06/04/76	10	6957	59.4	94.1	GGGF		25	40
09252N	4607N	2449-16154	00000/0000	2-10017/1409	04/15/76	90	6260	46.3	136.5	GGFF		29	28
09252N	2847N	2535-15562	00000/0000	2-10020/0739	07/10/76	90	7459	57.6	93.6	GFFF		25	40

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0564

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLBD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09253W	4605N	2467-16151	00000/0000	2-10018/0482	05/03/76	20	6511	51.7	132.8	GGGG		29	28
09254W	2849N	2661-15513	00000/0000	2-10025/0280	11/13/76	100	9216	34.3	143.6	GGGG		25	40
09254W	2844N	2517-15560	00000/0000	2-10019/1379	06/22/76	50	7208	58.8	91.7	GGGG		25	40
09256W	4603N	2431-16161	00000/0000	2-10017/0517	03/28/76	20	6009	39.8	139.4	FGGG		29	28
09257W	4607N	2575-16121	00000/0000	2-10021/1213	08/19/76	10	8017	47.6	132.4	GGGG		29	28
09257W	4605N	2719-16070	00000/0000	2-10026/0378	01/10/77	0	25	15.7	148.3	GGGG		29	28
09257W	4558N	2435-16144	00000/0000	2-10018/1329	05/21/76	30	6762	55.4	128.4	GGGG		29	28
09257W	2846N	2643-15521	00000/0000	2-10023/1393	10/26/76	70	8965	39.0	139.9	GGGG		25	40
09258W	4605N	2593-16114	00000/0000	2-10022/0585	09/06/76	0	8268	42.7	138.2	GGGG		29	28
09258W	4605N	2701-16074	00000/0000	2-10025/1506	12/23/76	10	9774	15.1	150.9	GGGG		29	28
09258W	4559N	2557-16124	00000/0000	2-10021/0402	08/01/76	10	7766	51.8	127.0	GGGG		29	28
09259W	3317N	2446-16021	00000/0000	2-10017/0972	04/12/76	30	6218	51.3	121.7	FGFG		26	37
09300W	3314N	2464-16014	00000/0000	2-10018/0435	04/30/76	80	6469	55.9	114.7	FGFF		26	37
09300W	2841N	2391-15593	00000/0000	2-10015/1059	02/17/76	40	5451	36.0	133.9	GGGG		25	40
09301W	4559N	2611-16111	00000/0000	2-10022/1384	09/24/76	30	8519	37.2	143.8	GGGG		29	28
09301W	4557N	2683-16083	00000/0000	2-10025/0950	12/05/76	40	9523	16.9	152.6	GGGG		29	28
09301W	4554N	2539-16131	00000/0000	2-10020/0899	07/14/76	30	7515	54.9	123.4	FGGG		29	28
09302W	4552N	2413-16165	00000/0000	2-10016/0988	03/10/76	10	5758	33.0	141.8	GGGG		29	28
09302W	4551N	2521-16135	00000/0000	2-10019/1483	06/26/76	20	7264	56.8	122.4	GGGG		29	28
09302W	3311N	2554-15592	00000/0000	2-10021/0312	07/29/76	30	7724	55.7	106.4	GGGG		26	37
09302W	3307N	2482-16012	00000/0000	2-10018/1209	05/18/76	10	6720	58.7	107.5	GGGG		26	37
09303W	4553N	2395-16172	00000/0000	2-10016/0220	02/21/76	10	5507	26.5	144.3	GGGG		29	28
09303W	4551N	2647-16100	00000/0000	2-10024/0175	10/30/76	30	9021	25.6	151.4	GFFG		29	28
09303W	4549N	2377-16174	00000/0000	2-10015/0418	02/03/76	90	5256	21.2	147.0	GGFG		29	28
09303W	4153N	2448-16111	00000/0000	2-10017/1351	04/14/76	90	6246	48.2	131.8	GGGG		28	31
09303W	3308N	2636-15595	00000/0000	2-10020/0721	07/11/76	50	7473	57.7	101.2	GGGG		26	37
09303W	4552N	2665-16091	00000/0000	2-10025/0922	11/17/76	30	9272	20.6	152.8	GGGG		29	28
09304W	4150N	2466-16104	00000/0000	2-10018/0494	05/02/76	80	6497	53.4	127.1	GGGG		28	31
09304W	3734N	2465-16061	00000/0000	2-10018/0462	05/01/76	10	6483	54.9	121.1	GGGG		27	34
09304W	3314N	2590-15582	00000/0000	2-10022/0437	09/03/76	90	8226	49.8	122.6	FGGG		26	37
09304W	3313N	2572-15585	00000/0000	2-10021/1061	08/16/76	30	7975	53.1	114.0	GGGG		26	37
09304W	3312N	2716-15534	00000/0000	2-10026/0327	01/07/77	10	9983	24.6	143.1	GGGG		26	37
09304W	3306N	2500-16005	00000/0000	2-10019/0629	06/05/76	70	6971	59.6	101.8	GGGG		26	37
09304W	3303N	2518-16002	00000/0000	2-10019/1363	06/23/76	70	7222	59.1	99.4	GGGG		26	37
09305W	4857N	2468-16200	00000/0000	2-10018/0562	05/04/76	30	6525	50.4	136.5	GGGG		30	26

KEYS: CLBD COVER % ..... 0 TO 100 = % CLBD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0565

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09305N	4550N	2629-16104	00000/0000	2-10023/0752	10/12/76	10	8770	31.4	148.3	GGGG		29	28
09305N	3733N	2447-16064	00000/0000	2-10017/1307	04/13/76	90	6232	49.9	126.8	GGGG		27	34
09305N	3310N	2698-15542	00000/0000	2-10025/1420	12/20/76	0	9732	24.8	145.7	GFFG		26	37
09306N	4859N	2450-16203	00000/0000	2-10017/1365	04/16/76	90	6274	44.9	139.6	GGGG		30	26
09306N	4143N	2484-16101	00000/0000	2-10018/1265	05/20/76	10	6748	56.9	121.8	FGGG		28	31
09306N	3309N	2680-15551	00000/0000	2-10025/0832	12/02/76	0	9481	27.1	146.9	GGGF		26	37
09307N	4148N	2574-16074	00000/0000	2-10021/1162	08/18/76	10	8003	49.9	126.6	GGGG		28	31
09307N	4146N	2430-16114	00000/0000	2-10017/0532	03/27/76	50	5995	41.9	135.6	GGFG		28	31
09307N	3733N	2573-16031	00000/0000	2-10021/1103	08/17/76	10	7989	51.7	120.5	GGGG		27	34
09307N	3731N	2429-16071	00000/0000	2-10017/0355	03/26/76	70	5981	43.9	131.6	GGGG		27	34
09307N	3723N	2483-16054	00000/0000	2-10018/1291	05/19/76	0	6734	58.1	114.7	GGGG		27	34
09307N	3305N	2410-16032	00000/0000	2-10016/0847	03/07/76	90	5716	39.5	132.3	GGGG		26	37
09308N	4532N	2503-16142	00000/0000	2-10019/0767	06/08/76	10	7013	57.2	123.8	GGGG		29	28
09308N	4149N	2592-16071	00000/0000	2-10022/0550	09/05/76	10	8254	45.4	133.4	GGGG		28	31
09308N	4145N	2556-16081	00000/0000	2-10021/0391	07/31/76	10	7752	53.6	120.5	GGGG		28	31
09308N	3308N	2608-15575	00000/0000	2-10022/1096	09/21/76	10	8477	45.7	130.9	GGGG		26	37
09308N	3306N	2662-15555	00000/0000	2-10025/0293	11/14/76	100	9230	31.0	146.1	GGGG		26	37
09308N	3303N	2644-15564	00000/0000	2-10024/0022	10/27/76	70	8979	35.8	143.2	FGGG		26	37
09308N	3302N	2374-16042	00000/0000	2-10015/0320	01/31/76	60	5214	29.2	140.8	GGGG		26	37
09309N	4148N	2700-16032	00000/0000	2-10025/1475	12/22/76	90	9760	18.4	149.2	GGGG		28	31
09309N	4148N	2718-16023	00000/0000	2-10026/0336	01/09/77	20	11	18.7	146.6	GGGG		28	31
09309N	3727N	2555-16035	00000/0000	2-10021/0453	07/30/76	10	7738	54.9	113.6	GGGG		27	34
09310N	4856N	2576-16170	00000/0000	2-10022/0063	08/20/76	10	8031	45.9	136.1	FGGG		30	26
09310N	4855N	2432-16210	00000/0000	2-10017/0604	03/29/76	100	6023	38.4	141.9	FGGG		30	26
09310N	4855N	2720-16115	00000/0000	2-10026/0424	01/11/77	10	39	13.7	149.4	GGGG		30	26
09310N	4848N	2486-16193	00000/0000	2-10019/0014	05/22/76	0	6776	54.2	132.6	GGG		30	26
09310N	4146N	2610-16064	00000/0000	2-10022/1321	09/23/76	10	8505	40.2	139.9	GGFG		28	31
09310N	4137N	2502-16095	00000/0000	2-10019/0693	06/07/76	10	6999	58.4	117.1	GGGG		28	31
09310N	4137N	2520-16092	00000/0000	2-10019/1464	06/25/76	0	7250	58.1	115.0	GGGG		28	31
09310N	3722N	2501-16052	00000/0000	2-10019/0641	06/06/76	40	6985	59.3	109.5	FGGG		27	34
09310N	3305N	2626-15571	00000/0000	2-10023/0641	10/09/76	0	8728	40.9	138.0	FGGG		26	37
09310N	3303N	2392-16035	00000/0000	2-10016/0080	02/18/76	0	5465	33.8	136.7	GGGG		26	37
09311N	4141N	2538-16085	00000/0000	2-10020/0825	07/13/76	0	7501	56.4	116.3	GGGG		28	31
09311N	3732N	2699-15585	00000/0000	2-10025/1446	12/21/76	0	9746	21.6	147.5	FGGF		27	34
09311N	3729N	2591-16025	00000/0000	2-10022/0493	09/04/76	10	8240	47.8	128.2	GGGG		27	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

 LANDSAT-2  
 COORDINATE LISTING

PAGE 0566

 FOR US  
 FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL REVIS MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09311W	3721N	2519-16045	00000/0000	2-10020/0010	06/24/76	70	7236	58.9	107.3	GGGG		27	34
09312W	4854N	2702-16124	00000/0000	2-10025/1531	12/24/76	90	9788	12.9	152.0	GGGG		30	26
09312W	4851N	2558-16173	00000/0000	2-10021/0467	08/02/76	10	7780	50.3	131.3	GGGG		30	26
09312W	4142N	2682-16040	00000/0000	2-10025/0907	12/04/76	70	9509	20.3	150.7	GGGG		28	31
09312W	3726N	2681-15594	00000/0000	2-10025/0861	12/03/76	10	9495	23.7	148.9	GGGG		27	34
09312W	3723N	2537-16042	00000/0000	2-10020/0769	07/12/76	10	7487	57.3	108.8	GGGG		27	34
09313W	4853N	2594-16153	00000/0000	2-10022/0631	09/07/76	0	8282	40.7	141.3	FFGG		30	26
09313W	4850N	2684-16132	00000/0000	2-10025/0984	12/06/76	0	9537	14.4	153.8	GGGG		30	26
09313W	4845N	2504-16191	00000/0000	2-10019/0750	06/09/76	20	7027	56.0	129.1	GGGG		30	26
09313W	4138N	2412-16122	00000/0000	2-10014/0862	03/09/76	20	5744	35.3	138.8	GGGG		28	31
09313W	4136N	2646-16053	00000/0000	2-10024/0036	10/29/76	90	9007	29.1	148.8	GGGG		28	31
09313W	3724N	2609-16022	00000/0000	2-10022/1304	09/22/76	0	8491	43.2	135.5	GGGG		27	34
09313W	3722N	2645-16010	00000/0000	2-10024/0092	10/28/76	10	8993	32.5	146.1	GGGG		27	34
09314W	4843N	2540-16181	00000/0000	2-10020/0947	07/15/76	90	7529	53.7	128.0	GGG		30	26
09314W	3721N	2411-16075	00000/0000	2-10016/0944	03/08/76	100	5730	37.5	135.6	GGGG		27	34
09315W	4848N	2612-16160	00000/0000	2-10022/1399	09/25/76	30	8533	34.9	146.3	GGGG		30	26
09315W	4138N	2664-16045	00000/0000	2-10025/0678	11/16/76	0	9258	24.1	150.7	GGGG		28	31
09315W	4135N	2394-16125	00000/0000	2-10016/0188	02/20/76	70	5493	29.0	141.8	FFGG		28	31
09315W	3721N	2393-16082	00000/0000	2-10016/0126	02/19/76	0	5479	31.4	139.3	GGGG		27	34
09315W	3721N	2627-16014	00000/0000	2-10023/0681	10/10/76	10	8742	37.9	141.7	GGGG		27	34
09316W	4846N	2414-16214	00000/0000	2-10016/1026	03/11/76	100	5772	31.5	143.9	FFFG		30	26
09316W	4137N	2628-16061	00000/0000	2-10023/0691	10/11/76	40	8756	34.7	145.1	GGGG		28	31
09316W	3719N	2375-16085	00000/0000	2-10015/0339	02/01/76	10	5228	26.6	142.9	GGGG		27	34
09317W	4839N	2522-16184	00000/0000	2-10020/0091	06/27/76	10	7278	55.7	127.1	GGGG		30	26
09317W	4132N	2376-16131	00000/0000	2-10015/0380	02/02/76	100	5242	23.9	144.9	GGFG		28	31
09318W	4841N	2396-16221	00000/0000	2-10016/0433	02/22/76	10	5521	24.9	146.0	GGGG		30	26
09318W	4841N	2630-16153	00000/0000	2-10023/1110	10/13/76	30	8784	28.9	150.4	G G		30	26
09319W	4842N	2666-16141	00000/0000	2-10025/0366	11/18/76	50	9286	18.1	154.2	GGGG		30	26
09319W	4841N	2648-16145	00000/0000	2-10024/0225	10/31/76	40	9035	23.1	153.1	GGGG		30	26
09319W	4838N	2378-16224	00000/0000	2-10015/0460	02/04/76	0	5270	19.4	148.3	GGFF		30	26
09324W	3151N	2446-16024	00000/0000	2-10017/0973	04/12/76	10	6218	51.8	119.8	GGGG		26	38
09325W	4442N	2449-16160	00000/0000	2-10017/1410	04/15/76	90	6260	47.1	134.9	GGFF		29	29
09325W	3148N	2464-16021	00000/0000	2-10018/0436	04/30/76	90	6469	56.2	112.4	GGGG		26	38
09326W	4440N	2467-16153	00000/0000	2-10018/0483	05/03/76	30	6511	52.4	130.9	GGGG		29	29
09327W	3145N	2554-15594	00000/0000	2-10021/0313	07/29/76	40	7724	55.8	104.1	GGGG		26	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0567

PRINCIPAL POINT 9F IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSG	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
09328W	3141N	2482-16014	00000/0000	2-10018/1165	05/18/76	10	6720	58.9	104.9	GGGG		26	38
09329W	3148N	2572-15591	00000/0000	2-10021/1062	08/16/76	60	7975	53.4	111.9	GGGG		26	38
09329W	3148N	2590-15584	00000/0000	2-10022/0438	09/03/76	80	8226	50.3	120.8	GGGG		26	38
09329W	3142N	2536-16002	00000/0000	2-10020/0722	07/11/76	90	7473	57.7	98.7	GGGG		26	38
09329W	3139N	2500-16011	00000/0000	2-10019/0630	06/05/76	30	6971	59.6	99.1	GGFF		26	38
09330W	4438N	2431-16163	00000/0000	2-10017/0518	03/28/76	20	6009	40.6	138.1	GGGG		29	29
09330W	3146N	2716-15540	00000/0000	2-10026/0328	01/07/77	20	9983	25.6	142.4	FGGG		26	38
09330W	3145N	2698-15545	00000/0000	2-10025/1421	12/20/76	0	9732	25.8	145.1	FGGG		26	38
09330W	3138N	2518-16005	00000/0000	2-10019/1364	06/23/76	70	7222	59.1	96.8	GGGG		26	38
09331W	4441N	2575-16123	00000/0000	2-10021/1214	08/19/76	0	8017	48.3	130.6	GGGG		29	29
09331W	4440N	2719-16073	00000/0000	2-10024/0379	01/10/77	0	25	16.7	147.7	GGGG		29	29
09331W	4439N	2701-16081	00000/0000	2-10025/1507	12/23/76	10	9774	16.2	150.3	GGGG		29	29
09331W	4434N	2557-16131	00000/0000	2-10021/0403	08/01/76	10	7766	52.4	125.0	GGGG		29	29
09331W	4433N	2485-16150	00000/0000	2-10018/1330	05/21/76	30	6762	56.0	126.1	GGGG		29	29
09331W	3144N	2680-15553	00000/0000	2-10025/0833	12/02/76	0	9481	28.1	146.2	GGGG		26	38
09332W	4438N	2593-16121	00000/0000	2-10022/0586	09/06/76	0	8268	43.5	136.8	GGGG		29	29
09332W	3608N	2465-16063	00000/0000	2-10018/0463	05/01/76	30	6483	55.3	118.9	GGGG		27	35
09332W	3139N	2410-16035	00000/0000	2-10016/0848	03/07/76	100	5716	40.2	131.1	GGGG		26	38
09333W	4027N	2448-16113	00000/0000	2-10017/1352	04/14/76	90	6246	48.9	130.1	GGGG		28	32
09333W	3607N	2447-16071	00000/0000	2-10017/1308	04/13/76	90	6232	50.5	125.0	GGGG		27	35
09333W	3142N	2608-15581	00000/0000	2-10022/1097	09/21/76	50	8477	46.5	129.4	GGGG		26	38
09333W	3140N	2662-15562	00000/0000	2-10025/0294	11/14/76	100	9230	32.0	145.3	GGGG		26	38
09333W	3136N	2374-16044	00000/0000	2-10015/0321	01/31/76	70	5214	30.2	140.0	GGGG		26	38
09333W	3136N	2644-15570	00000/0000	2-10024/0023	10/27/76	80	8979	36.8	142.2	GGGG		26	38
09334W	4433N	2683-16085	00000/0000	2-10025/0951	12/05/76	50	9523	18.0	151.9	GGGG		29	29
09334W	4429N	2539-16134	00000/0000	2-10020/0900	07/14/76	20	7515	55.4	121.1	GGGG		29	29
09335W	4433N	2611-16113	00000/0000	2-10022/1385	09/24/76	80	8519	38.1	142.6	GG G		29	29
09335W	4426N	2521-16141	00000/0000	2-10019/1484	06/26/76	90	7264	57.3	120.0	GGGG		29	29
09335W	4024N	2466-16110	00000/0000	2-10018/0495	05/02/76	70	6497	54.0	125.0	GGGG		28	32
09335W	3607N	2573-16034	00000/0000	2-10021/1104	08/17/76	20	7989	52.2	118.6	GGGG		27	35
09335W	3605N	2429-16074	00000/0000	2-10017/0356	03/26/76	80	5981	44.6	130.2	GGGG		27	35
09335W	3558N	2483-16061	00000/0000	2-10018/1292	05/19/76	10	6734	58.4	112.2	GGGG		27	35
09335W	3139N	2626-15574	00000/0000	2-10023/0642	10/09/76	0	8728	41.8	136.8	FGGG		26	38
09335W	3138N	2392-16042	00000/0000	2-10016/0081	02/18/76	0	5465	34.6	135.8	GGGG		26	38
09336W	4428N	2395-16174	00000/0000	2-10016/0221	02/21/76	60	5507	27.5	143.5	GGGG		29	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
F8P US  
FROM 01/22/76 TO 01/22/77

PAGE 0568

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09336W 4427N	2413-16171	00000/0000 2-10016/0989	03/10/76	10	5758	33.9	140.7	GGGG			29	29
09336W 4426N	2647-1610P	00000/0000 2-10024/0176	10/30/76	30	9021	26.7	150.6	GGGG			29	29
09336W 4424N	2377-16181	00000/0000 2-10015/0419	02/03/76	80	5256	22.2	146.2	GGFG			29	29
09336W 4018N	2484-16104	00000/0000 2-10018/1266	05/20/76	10	6748	57.4	119.4	GGGG			28	32
09336W 3602N	2555-16041	00000/0000 2-10021/0454	07/30/76	10	7738	55.2	111.3	GGGG			27	35
09337W 4427N	2665-16094	00000/0000 2-10025/0923	11/17/76	10	9272	21.7	152.1	FGGG			29	29
09337W 4022N	2574-16081	00000/0000 2-10021/1163	08/18/76	10	8003	50.5	124.8	GGGG			28	32
09337W 3556N	2501-16054	00000/0000 2-10019/0642	06/06/76	50	6985	59.5	106.9	GGGG			27	35
09338W 4021N	2430-16121	00000/0000 2-10017/0533	03/27/76	10	5995	42.7	134.2	GGFG			28	32
09338W 4019N	2556-16084	00000/0000 2-10021/0392	07/31/76	20	7752	54.0	118.4	GGGG			27	35
09338W 3603N	2591-16031	00000/0000 2-10022/0494	09/04/76	20	8240	48.4	126.5	GGGG			28	32
09338W 3556N	2519-16051	00000/0000 2-10020/0011	06/24/76	80	7236	59.0	104.7	GGGG			27	35
09339W 4425N	2629-16110	00000/0000 2-10023/0753	10/12/76	30	8770	32.4	147.3	GGGG			29	29
09339W 4023N	2592-16074	00000/0000 2-10022/0551	09/05/76	50	8254	46.1	131.9	GGGG			28	32
09339W 4022N	2700-16034	00000/0000 2-10025/1476	12/22/76	20	9760	19.4	148.6	GGGG			28	32
09339W 4022N	2718-16030	00000/0000 2-10024/0351	01/09/77	80	11	19.7	146.0	FGGF			28	32
09339W 3606N	2699-15591	00000/0000 2-10025/1447	12/21/76	0	9746	22.6	146.9	FGGG			27	35
09339W 3601N	2651-16000	00000/0000 2-10025/0862	12/03/76	0	9495	24.8	148.2	GGGG			27	35
09339W 3557N	2537-16044	00000/0000 2-10020/0770	07/12/76	10	7487	57.5	106.3	GGGG			27	35
09340W 4020N	2610-16071	00000/0000 2-10022/1322	09/23/76	60	8505	41.1	138.6	GGGG			28	32
09340W 4016N	2538-16091	00000/0000 2-10020/0826	07/13/76	0	7501	56.7	113.1	GGGG			28	32
09340W 4012N	2502-16101	00000/0000 2-10019/0694	06/07/76	20	6999	58.8	114.5	GGGG			28	32
09340W 4012N	2520-16094	00000/0000 2-10019/1465	06/25/76	0	7250	58.4	112.5	GGGG			28	32
09341W 4407N	2503-16144	00000/0000 2-10019/0768	06/08/76	50	7013	57.7	121.3	GGGG			29	29
09341W 4017N	2682-16043	00000/0000 2-10025/0908	12/04/76	50	9509	21.4	150.1	GGGG			28	32
09341W 3559N	2609-16024	00000/0000 2-10022/1305	09/22/76	0	8491	44.0	134.2	GGGG			27	35
09341W 3556N	2645-16013	00000/0000 2-10024/0093	10/28/76	10	8993	33.6	145.2	GGGG			27	35
09341W 3555N	2411-16082	00000/0000 2-10016/0945	03/08/76	100	5730	38.3	134.4	GGGG			27	35
09342W 4732N	2468-16232	00000/0000 2-10018/0563	05/04/76	10	6525	51.2	134.6	FGGG			30	27
09342W 3554N	2627-16021	00000/0000 2-10023/0682	10/10/76	0	8742	38.9	140.6	GGGG			27	35
09343W 4733N	2450-16205	00000/0000 2-10017/1366	04/16/76	50	6274	45.8	138.0	FGGG			30	27
09343W 4013N	2412-16124	00000/0000 2-10016/0863	03/09/76	10	5744	36.2	137.6	GGGG			28	32
09343W 4012N	2646-16055	00000/0000 2-10024/0037	10/29/76	90	9007	30.2	148.0	GGGG			28	32
09343W 3557N	2663-16005	00000/0000 2-10025/0330	11/15/76	90	9244	28.6	147.8	GGGG			27	35
09343W 3555N	2393-16085	00000/0000 2-10016/0127	02/19/76	0	5479	32.3	138.4	FGGG			27	35

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0569

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN ROLL RBV MSS	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
09343N	3554N	2375-16091	00000/0000	2-10015/0340	02/01/76	10	5228	27.5	142.1	GGGG		27	35
09345W	4012N	2664-16051	00000/0000	2-10025/0679	11/16/76	0	9258	25.2	150.0	GGGG		28	32
09345W	4010N	2394-16131	00000/0000	2-10016/0189	02/20/76	20	5493	30.0	140.9	GGGG		28	32
09346N	4729N	2432-16213	00000/0000	2-10017/0605	03/29/76	100	6023	39.3	140.6	GGGG		30	27
09346N	4722N	2486-16200	00000/0000	2-10019/0015	05/22/76	0	6776	54.9	130.4	GGGG		30	27
09346N	4012N	2628-16063	00000/0000	2-10023/0692	10/11/76	10	8756	35.7	144.1	GGGG		28	32
09347N	4731N	2576-16173	00000/0000	2-10022/0064	08/20/76	10	8031	46.7	134.4	GGGG		30	27
09347N	4730N	2720-16122	00000/0000	2-10026/0425	01/11/77	20	39	14.8	148.8	GF GG		30	27
09347N	4007N	2376-16134	00000/0000	2-10015/0381	02/02/76	80	5242	24.9	144.2	GF FG		28	32
09348N	4729N	2702-16130	00000/0000	2-10025/1532	12/24/76	90	9788	14.0	151.4	P GGG		30	27
09348N	4726N	2558-16140	00000/0000	2-10021/0468	08/02/76	10	7780	51.0	129.3	GGGG		30	27
09349N	4720N	2504-16133	00000/0000	2-10019/0751	06/09/76	10	7027	56.6	126.7	GGGG		30	27
09349N	3025N	2446-16030	00000/0000	2-10017/0974	04/12/76	40	6218	52.3	117.8	GGFG		26	39
09350N	4728N	2594-16170	00000/0000	2-10022/0632	09/07/76	0	8282	41.6	139.9	GF GG		30	27
09350N	4725N	2684-16135	00000/0000	2-10025/0935	12/06/76	0	9537	15.6	153.1	GGGG		30	27
09350N	3022N	2464-16023	00000/0000	2-10018/0437	04/30/76	90	6469	56.5	110.1	GGGG		26	39
09351N	4718N	2540-16133	00000/0000	2-10020/0948	07/15/76	70	7529	54.3	125.8	GGFG		30	27
09351W	3019N	2554-16001	00000/0000	2-10021/0314	07/29/76	50	7724	55.9	101.8	GGGG		26	39
09352N	4723N	2412-16163	00000/0000	2-10022/1400	09/25/76	40	8533	35.9	145.2	GGGG		30	27
09352N	4722N	2414-16220	00000/0000	2-10016/1027	03/11/76	100	5772	32.4	142.8	FF FG		30	27
09352N	3016N	2482-16021	00000/0000	2-10018/1156	05/18/76	10	6720	58.9	102.3	GGGG		26	39
09353N	3016N	2536-16044	00000/0000	2-10020/0723	07/11/76	90	7473	57.6	96.3	GGGG		26	39
09353N	3014N	2500-16014	00000/0000	2-10019/0631	06/05/76	10	6971	59.6	96.5	GF GG		26	39
09354N	4717N	2396-16223	00000/0000	2-10016/0434	02/22/76	20	5521	25.9	145.1	GGGG		30	27
09354N	3022N	2572-15594	00000/0000	2-10021/1063	08/16/76	40	7975	53.7	109.8	FGGG		26	39
09354N	3021N	2590-15591	00000/0000	2-10022/0439	09/03/76	20	8226	50.8	119.0	GGGG		26	39
09354N	3020N	2716-15543	00000/0000	2-10026/0329	01/07/77	30	9983	26.5	141.7	GGGG		26	39
09355N	4717N	2666-16143	00000/0000	2-10025/0367	11/18/76	10	9286	19.2	153.5	GGGG		30	27
09355N	4716N	2630-16155	00000/0000	2-10023/1111	10/13/76	10	8784	30.0	149.4	GGGG		30	27
09355N	3019N	2698-15551	00000/0000	2-10025/1422	12/20/76	30	9732	26.9	144.4	FGGG		26	39
09355N	3012N	2518-16011	00000/0000	2-10019/1380	06/23/76	20	7222	58.9	94.3	GGGG		26	39
09356N	4713N	2378-16230	00000/0000	2-10015/0461	02/04/76	10	5270	20.4	147.6	GGFG		30	27
09356N	3018N	2630-15560	00000/0000	2-10025/0834	12/02/76	50	9481	29.2	145.5	GGGG		26	39
09357N	3013N	2410-16041	00000/0000	2-10016/0849	03/07/76	100	5716	41.0	129.9	GGGG		26	39
09358N	4317N	2449-16163	00000/0000	2-10017/1411	04/15/76	90	6260	47.8	133.3	GGGF		29	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=RAW UNPROCESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0570

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09358N	4314N	2467-16160	00000/0000	2-10018/0484	05/03/76	10	6511	53.1	128.8	GGGG		29	30
09358N	3015N	2608-15534	00000/0000	2-10022/1098	09/21/76	80	8477	47.1	127.9	GGGG		26	39
09358N	3014N	2662-15564	00000/0000	2-10025/0295	11/14/76	100	9230	33.0	144.5	GGGG		26	39
09358N	3011N	2644-15573	00000/0000	2-10024/0024	10/27/76	100	8979	37.8	141.2	GGGG		26	39
09358N	3010N	2374-16051	00000/0000	2-10015/0322	01/31/76	70	5214	31.1	139.1	GGGG		26	39
09359N	3442N	2465-16070	00000/0000	2-10018/0464	05/01/76	30	6483	55.7	116.7	GGGG		27	36
09359N	3441N	2447-16073	00000/0000	2-10017/1309	04/13/76	90	6232	51.1	123.2	GGGG		27	36
09400N	3013N	2626-15530	00000/0000	2-10023/0643	10/09/76	10	8728	42.7	135.6	GGGG		26	39
09400N	3012N	2392-16044	00000/0000	2-10016/0082	02/18/76	0	5465	35.4	134.8	GGGG		26	39
09402N	4313N	2431-16170	00000/0000	2-10017/0519	03/28/76	30	6009	41.5	136.8	GGGG		29	30
09402N	3441N	2573-16040	00000/0000	2-10021/1105	08/17/76	20	7989	52.6	116.6	GGGG		27	36
09402N	3439N	2429-16080	00000/0000	2-10017/0357	03/26/76	90	5981	45.3	123.7	GGGG		27	36
09402N	3436N	2555-16044	00000/0000	2-10021/0455	07/30/76	10	7738	55.4	109.0	GGGG		27	36
09402N	3432N	2483-16063	00000/0000	2-10018/1293	05/19/76	10	6734	58.6	109.6	GGGG		27	36
09403N	4315N	2575-16130	00000/0000	2-10021/1215	08/19/76	0	8017	49.0	128.9	GGGG		29	30
09403N	4314N	2719-16075	00000/0000	2-10026/0380	01/10/77	0	25	17.8	147.1	GGGG		29	30
09403N	4309N	2557-16133	00000/0000	2-10021/0404	08/01/76	20	7766	52.9	122.9	GGGG		29	30
09403N	4308N	2485-16153	00000/0000	2-10016/1331	05/21/76	50	6762	56.6	123.8	GGGG		29	30
09403N	3901N	2448-16120	00000/0000	2-10017/1353	04/14/76	90	6246	49.6	128.4	GGGG		28	33
09404N	4314N	2701-16083	00000/0000	2-10025/1508	12/23/76	10	9774	17.2	149.7	GGGG		29	30
09404N	3858N	2466-16113	00000/0000	2-10018/0496	05/02/76	70	6497	54.6	122.9	GGGG		28	33
09404N	3431N	2501-16061	00000/0000	2-10019/0643	06/06/76	90	6985	59.6	104.2	GGGG		27	36
09404N	3431N	2519-16054	00000/0000	2-10020/0012	06/24/76	90	7236	59.1	102.1	GGGG		27	36
09405N	5006N	2397-16273	00000/0000	2-10016/0275	02/23/76	0	5535	24.3	146.7	GGGG		31	25
09405N	4312N	2593-16123	00000/0000	2-10022/0587	09/06/76	0	8268	44.3	135.3	GGGG		29	30
09405N	4308N	2683-16092	00000/0000	2-10025/0952	12/05/76	90	9523	19.1	151.3	GGGG		29	30
09405N	3852N	2484-16110	00000/0000	2-10018/1267	05/20/76	10	6748	57.8	116.9	GGGG		28	33
09405N	3440N	2699-15534	00000/0000	2-10025/1448	12/21/76	0	9746	23.7	146.3	GGGG		27	36
09405N	3436N	2591-16034	00000/0000	2-10022/0495	09/04/76	40	8240	49.0	124.8	GGGG		27	36
09405N	3435N	2681-16003	00000/0000	2-10025/0863	12/03/76	0	9495	25.8	147.6	GGGG		27	36
09406N	5006N	2649-16201	00000/0000	2-10024/0263	11/01/76	10	9049	21.7	154.0	GGGG		31	25
09406N	4304N	2539-16140	00000/0000	2-10020/0901	07/14/76	80	7515	55.9	118.8	GGGG		29	30
09406N	3857N	2574-16083	00000/0000	2-10021/1164	08/18/76	30	8003	51.0	122.9	GGGG		28	33
09406N	3431N	2537-16051	00000/0000	2-10020/0771	07/12/76	10	7487	57.6	103.9	GGGG		27	36
09407N	3857N	2700-16041	00000/0000	2-10025/1477	12/22/76	10	9760	20.5	148.0	GGGG		28	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0571

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09407N	3855N	2430-16123	00000/0000	2-10017/0534	03/27/76	0	5995	43.5	132.8	GGGG	28	33
09407N	3854N	2556-16090	00000/0000	2-10021/0393	07/31/76	50	7752	54.4	116.2	GGGG	28	33
09408N	4959N	2379-16275	00000/0000	2-10015/0504	02/05/76	0	5284	18.7	148.9	FGGG	31	25
09408N	4308N	2611-16120	00000/0000	2-10027/1386	09/24/76	80	8519	39.0	141.4	GGGG	29	30
09408N	4303N	2395-16181	00000/0000	2-10016/0222	02/21/76	100	5507	28.4	142.6	GGGG	29	30
09408N	4302N	2413-16174	00000/0000	2-10016/0990	03/10/76	70	5758	34.8	139.7	GGGG	29	30
09408N	4302N	2521-16144	00000/0000	2-10019/1485	06/26/76	90	7264	57.7	117.5	GGGG	29	30
09408N	4302N	2647-16105	00000/0000	2-10024/0177	10/30/76	50	9021	27.7	149.8	GGGG	29	30
09408N	3857N	2592-16080	00000/0000	2-10027/0552	09/05/76	40	8254	46.8	130.3	GGGG	28	33
09408N	3856N	2718-16037	00000/0000	2-10026/0352	01/09/77	100	11	20.7	145.3	GGGG	28	33
09408N	3432N	2609-16031	00000/0000	2-10027/1306	09/22/76	0	8491	44.7	132.8	GGGG	27	36
09408N	3430N	2645-16015	00000/0000	2-10024/0094	10/28/76	50	8993	34.6	144.3	GGGF	27	36
09408N	3429N	2411-16084	00000/0000	2-10016/0946	03/08/76	100	5730	39.1	133.2	GGGG	27	36
09409N	4302N	2665-16130	00000/0000	2-10025/0924	11/17/76	10	9272	22.8	151.4	FGGG	29	30
09409N	4259N	2377-16143	00000/0000	2-10015/0420	02/03/76	30	5256	23.2	145.5	GGGG	29	30
09409N	3854N	2610-16073	00000/0000	2-10027/1323	09/23/76	80	8505	42.0	137.3	GGGG	28	33
09409N	3850N	2538-16094	00000/0000	2-10020/0827	07/13/76	0	7501	57.0	111.5	GGGG	28	33
09409N	3848N	2520-16101	00000/0000	2-10019/1466	06/25/76	0	7250	58.6	109.9	GGGG	28	33
09409N	3847N	2502-16104	00000/0000	2-10019/0695	06/07/76	20	6999	59.1	111.9	GGGG	28	33
09409N	3431N	2663-16011	00000/0000	2-10025/0331	11/15/76	100	9244	29.7	147.0	GGGG	27	36
09409N	3429N	2393-16091	00000/0000	2-10014/0128	02/19/76	0	5479	33.2	137.4	GGGG	27	36
09409N	3428N	2375-16094	00000/0000	2-10015/0341	02/01/76	10	5228	28.5	141.3	GGGG	27	36
09409N	3428N	2627-16023	00000/0000	2-10023/0683	10/10/76	0	8742	39.8	139.5	GGGG	27	36
09410N	3851N	2682-16045	00000/0000	2-10025/0909	12/04/76	40	9509	22.5	149.5	GGGG	28	33
09412N	4301N	2629-16113	00000/0000	2-10023/0754	10/12/76	30	8770	33.4	146.3	GGGG	29	30
09412N	3847N	2412-16131	00000/0000	2-10016/0864	03/09/76	10	5744	37.0	136.5	GGGG	28	33
09412N	3847N	2646-16052	00000/0000	2-10024/0038	10/29/76	90	9007	31.2	147.2	GGGF	28	33
09413N	4242N	2503-16151	00000/0000	2-10019/0769	06/08/76	50	7013	58.2	118.8	GGGG	29	30
09413N	2858N	2446-16033	00000/0000	2-10017/0975	04/12/76	30	6218	52.7	115.9	GGGG	26	40
09413N	2855N	2464-16030	00000/0000	2-10018/0438	04/30/76	90	6469	56.7	107.8	FGGG	26	40
09414N	3847N	2664-16054	00000/0000	2-10025/0680	11/16/76	60	9258	26.3	149.3	GGG	28	33
09414N	3845N	2394-16134	00000/0000	2-10016/0190	02/20/76	40	5493	30.9	140.0	GGGG	28	33
09415N	3846N	2628-16070	00000/0000	2-10023/0693	10/11/76	0	8756	36.7	143.1	GGGG	28	33
09415N	3842N	2376-16140	00000/0000	2-10015/0382	02/02/76	90	5242	25.9	143.4	GGGF	28	33
09415N	2854N	2554-16033	00000/0000	2-10021/0315	07/29/76	40	7724	55.9	99.5	GGGG	26	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0572

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT	RBV	MSS						123 45678				
09416N	2850N	2482-16023	00000/0000	2-10018/1167	05/18/76	10	6720	59.0	99.7	GGGG		26	40
09417N	2851N	2536-16011	00000/0000	2-10020/0724	07/11/76	80	7473	57.5	93.9	GGGG		26	40
09418N	4608N	2450-16212	00000/0000	2-10017/1367	04/15/76	70	6274	46.6	136.4	GGFG		30	28
09418N	4607N	2468-16235	00000/0000	2-10018/0564	05/04/76	0	6525	51.5	132.6	FGGG		30	28
09418N	2855N	2572-16000	00000/0000	2-10021/1064	08/16/76	70	7975	53.9	107.7	GGGG		26	40
09418N	2855N	2590-15593	00000/0000	2-10022/0440	09/03/76	20	8226	51.3	117.1	FFGG		26	40
09418N	2854N	2716-15545	00000/0000	2-10026/0285	01/07/77	10	9983	27.5	141.0	GGG		26	40
09419N	2853N	2698-15554	00000/0000	2-10025/1423	12/20/76	50	9732	27.9	143.7	PGFF		26	40
09419N	2847N	2518-16014	00000/0000	2-10019/1381	06/23/76	10	7222	58.8	91.7	GGGG		26	40
09420N	2852N	2680-15562	00000/0000	2-10025/0835	12/02/76	90	9481	30.2	144.7	GGGG		26	40
09421N	4604N	2432-16215	00000/0000	2-10017/0606	03/29/76	100	6023	40.2	139.3	GGGG		30	28
09421N	4558N	2486-16202	00000/0000	2-10019/0016	05/22/76	10	6776	55.6	128.2	GGGG		30	28
09421N	2847N	2410-16044	00000/0000	2-10016/0850	03/07/76	100	5716	41.7	128.6	FGGG		26	40
09422N	4605N	2576-16175	00000/0000	2-10022/0065	08/20/76	10	8031	47.4	132.7	GGGG		30	28
09422N	4601N	2558-16182	00000/0000	2-10021/0469	08/02/76	10	7780	51.6	127.3	GGFG		30	28
09422N	2849N	2608-15590	00000/0000	2-10022/1099	09/21/76	80	8477	47.8	126.3	FGGG		26	40
09422N	2848N	2662-15571	00000/0000	2-10025/0296	11/14/76	100	9230	34.0	143.7	GGGG		26	40
09422N	2846N	2644-15575	00000/0000	2-10024/0025	10/27/76	100	8979	38.7	140.2	GGGG		26	40
09422N	2844N	2374-16053	00000/0000	2-10015/0323	01/31/76	80	5214	32.0	138.3	GGGG		26	40
09423N	4605N	2720-16124	00000/0000	2-10026/0426	01/11/77	30	39	15.8	148.1	GGGG		30	28
09424N	4604N	2702-16133	00000/0000	2-10025/1533	12/24/76	90	9788	15.1	150.8	GGGG		30	28
09424N	4556N	2504-16200	00000/0000	2-10019/0752	06/09/76	10	7027	57.1	124.3	FGGG		30	28
09424N	2847N	2626-15583	00000/0000	2-10023/0644	10/09/76	50	8728	43.5	134.3	GGGG		26	40
09424N	2846N	2392-16051	00000/0000	2-10016/0083	02/18/76	10	5465	36.2	133.7	FFGG		26	40
09425N	4603N	2594-16172	00000/0000	2-10022/0633	09/07/76	0	8282	42.4	138.5	GGGG		30	28
09425N	4600N	2684-16141	00000/0000	2-10025/0986	12/06/76	0	9537	16.7	152.5	GGGG		30	28
09425N	4554N	2540-16190	00000/0000	2-10020/0949	07/15/76	40	7529	54.8	123.6	GGGG		30	28
09425N	3316N	2465-16072	00000/0000	2-10018/0465	05/01/76	10	6483	56.1	114.4	GGGG		27	37
09425N	3315N	2447-16080	00000/0000	2-10017/1310	04/13/76	90	6232	51.7	121.3	GGGG		27	37
09427N	4558N	2612-16165	00000/0000	2-10022/1401	09/25/76	40	8533	36.9	144.0	GGGF		30	28
09427N	4557N	2414-16223	00000/0000	2-10016/1028	03/11/76	100	5772	33.3	141.7	FGGG		30	28
09427N	3306N	2483-16070	00000/0000	2-10018/1294	05/19/76	10	6734	58.8	107.1	GGGG		27	37
09428N	3315N	2573-16043	00000/0000	2-10021/1106	08/17/76	10	7989	53.0	114.5	GGG		27	37
09428N	3313N	2429-16083	00000/0000	2-10017/0358	03/26/76	90	5981	45.9	127.2	GGGG		27	37
09428N	3310N	2555-16050	00000/0000	2-10021/0456	07/30/76	10	7738	55.6	106.8	GGGG		27	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0573

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MSDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09429W	4552N	2396-16230	00000/0000	2-10016/0435	02/22/76	30	5521	26.9	144.2	GGGG		30	28
09429W	4151N	2449-16155	00000/0000	2-10017/1412	04/15/76	80	6260	48.6	131.6	GGGF		29	31
09429W	4149N	2467-16162	00000/0000	2-10018/0485	05/03/76	30	6511	53.7	126.8	GGGG		29	31
09430W	4552N	2648-16154	00000/0000	2-10024/0226	10/31/76	0	9035	25.3	151.5	PGGG		30	28
09430W	4552N	2666-16150	00000/0000	2-10025/0368	11/18/76	20	9286	20.3	152.8	GGGG		30	28
09430W	4551N	2630-16162	00000/0000	2-10023/1112	10/13/76	10	8784	31.0	148.5	GGGG		30	28
09430W	4548N	2378-16233	00000/0000	2-10015/0462	02/04/76	30	5270	21.4	146.8	FGGG		30	28
09430W	3306N	2519-16060	00000/0000	2-10020/0013	06/24/76	70	7236	59.1	99.5	GGGG		27	37
09430W	3305N	2501-16063	00000/0000	2-10019/0644	06/06/76	90	6985	59.6	101.5	GGGG		27	37
09431W	3735N	2448-16122	00000/0000	2-10017/1354	04/14/76	90	6246	50.2	126.6	GGGG		28	34
09431W	3311N	2591-16040	00000/0000	2-10022/0534	09/04/76	50	8240	49.6	123.1	GG G		27	37
09431W	3309N	2681-16005	00000/0000	2-10025/0864	12/03/76	0	9495	26.9	146.9	FGGG		27	37
09432W	3732N	2466-16115	00000/0000	2-10018/0437	05/02/76	30	6497	55.1	120.7	GGGG		28	34
09432W	3314N	2699-16000	00000/0000	2-10025/1449	12/21/76	0	9746	24.7	145.6	FGGG		27	37
09432W	3306N	2537-16053	00000/0000	2-10020/0772	07/12/76	20	7487	57.6	101.4	GGGG		27	37
09433W	4857N	2451-16261	00000/0000	2-10017/1457	04/17/76	60	6288	45.3	139.4	GGGG		31	26
09433W	4856N	2469-16254	00000/0000	2-10018/0591	05/05/76	10	6539	50.7	130.3	GGGG		31	26
09433W	4150N	2575-16132	00000/0000	2-10021/1216	08/19/76	0	8017	49.6	127.1	GGGG		29	31
09433W	3726N	2484-16113	00000/0000	2-10018/1268	05/20/76	0	6748	58.2	114.4	GGGG		28	34
09434W	4149N	2719-16000	00000/0000	2-10026/0381	01/10/77	0	25	18.8	146.4	GGGG		29	31
09434W	4144N	2557-16140	00000/0000	2-10021/0405	08/01/76	50	7766	53.4	120.8	GGGG		29	31
09434W	4142N	2485-16155	00000/0000	2-10018/1332	05/21/76	10	6762	57.1	121.5	GGGG		29	31
09434W	3729N	2556-16033	00000/0000	2-10021/0394	07/31/76	30	7752	54.7	114.0	GGGG		28	34
09434W	3306N	2609-16033	00000/0000	2-10022/1307	09/22/76	10	8491	45.5	131.3	GGGG		27	37
09434W	3303N	2411-16091	00000/0000	2-10016/0947	03/08/76	100	5730	39.8	132.0	GG G		27	37
09434W	3303N	2627-16030	00000/0000	2-10023/0684	10/10/76	0	8742	40.7	138.3	GGGG		27	37
09435W	4148N	2701-16030	00000/0000	2-10025/1509	12/23/76	10	9774	18.3	149.1	GGGG		29	31
09435W	3729N	2430-16130	00000/0000	2-10017/0535	03/27/76	0	5995	44.2	131.3	GGGG		28	34
09435W	3305N	2663-16014	00000/0000	2-10015/0332	11/15/76	100	9244	30.7	146.2	GGGG		27	37
09435W	3304N	2393-16034	00000/0000	2-10016/0129	02/19/76	0	5479	34.1	136.5	GGGG		27	37
09435W	3303N	2645-16022	00000/0000	2-10024/0095	10/28/76	80	8993	35.6	143.4	GGGG		27	37
09435W	3302N	2375-16100	00000/0000	2-10015/0342	02/01/76	0	5228	29.4	140.5	FGGG		27	37
09436W	4858N	2577-16224	00000/0000	2-10021/1232	08/21/76	10	8045	45.6	136.4	G GG		31	26
09436W	4147N	2593-16130	00000/0000	2-10022/0588	09/06/76	10	8268	45.1	133.8	GGGG		29	31
09436W	4143N	2683-16094	00000/0000	2-10025/0953	12/05/76	70	9523	20.2	150.7	GGGG		29	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0574

PRINCIPAL POINT OF IMAGE	SERVIATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09436W	3732N	2592-16083	00000/0000	2-10022/0553	09/05/76	60	8254	47.5	128.7			
09436W	3731N	2700-16043	00000/0000	2-10025/1478	12/22/76	10	9760	21.5	147.4	GGGG	28	34
09436W	3731N	2718-16035	00000/0000	2-10026/0353	01/09/77	100	11	21.7	144.7	GGGG	28	34
09437W	4140N	2539-16143	00000/0000	2-10020/0902	07/14/76	40	7515	56.2	116.4	GGGG	28	34
09437W	3729N	2610-16080	00000/0000	2-10022/1324	09/23/76	60	8505	42.8	136.0	GGGG	29	31
09437W	3726N	2682-16017	00000/0000	2-10025/0910	12/04/76	50	9509	23.6	148.8	GGGG	28	34
09437W	3724N	2538-16100	00000/0000	2-10020/0828	07/13/76	0	7501	57.2	109.1	GGGG	28	34
09437W	3722N	2520-16103	00000/0000	2-10019/1467	06/25/76	10	7250	58.8	107.3	GGGG	28	34
09437W	2733N	2446-16035	00000/0000	2-10017/0976	04/12/76	20	6218	53.1	113.8	GGGG	28	34
09437W	2729N	2464-16032	00000/0000	2-10018/0439	04/30/76	50	6469	56.9	105.4	GGGG	26	41
09438W	4852N	2433-16264	00000/0000	2-10017/0620	03/30/76	10	6037	38.8	141.8	GGGG	26	41
09438W	4848N	2487-16251	00000/0000	2-10018/1338	05/23/76	0	6790	54.4	132.4	GGFG	31	26
09438W	4845N	2541-16235	00000/0000	2-10020/0964	07/16/76	70	7543	53.5	128.1	GGGG	31	26
09438W	4136N	2521-16150	00000/0000	2-10019/1486	06/26/76	20	7264	58.1	115.0	GGGG	29	31
09438W	3722N	2502-16110	00000/0000	2-10019/0696	06/07/76	10	6999	59.3	109.3	GGGG	28	34
09438W	2728N	2554-16010	00000/0000	2-10021/0316	07/29/76	40	7724	55.9	97.2	GGGG	26	41
09439W	4855N	2721-16173	00000/0000	2-10026/0453	01/12/77	0	53	13.8	149.3	GGGG	31	26
09439W	4854N	2703-16182	00000/0000	2-10025/1557	12/25/76	40	9802	12.9	151.9	GGGG	31	26
09439W	4143N	2611-16122	00000/0000	2-10022/1387	09/24/76	70	8519	39.9	140.2	GGFG	29	31
09439W	4139N	2395-16183	00000/0000	2-10016/0223	02/21/76	100	5507	29.3	141.7	GGGG	29	31
09439W	4137N	2413-16180	00000/0000	2-10016/0991	03/10/76	90	5758	35.7	138.6	GGGG	29	31
09439W	4136N	2647-16111	00000/0000	2-10024/0178	10/30/76	90	9021	28.8	149.0	GGGG	29	31
09440W	4850N	2635-16190	00000/0000	2-10025/1027	12/07/76	0	9551	14.3	153.7	GGGG	31	26
09440W	4844N	2505-16245	00000/0000	2-10019/0966	06/10/76	10	7041	56.0	128.9	GGGG	29	31
09440W	4136N	2665-16103	00000/0000	2-10025/0915	11/17/76	20	9272	23.9	150.8	GGGG	29	31
09440W	4134N	2377-16190	00000/0000	2-10015/0421	02/03/76	10	5256	24.2	144.8	GGGG	29	31
09440W	3722N	2412-16133	00000/0000	2-10014/0865	03/09/76	60	5744	37.8	135.4	GGGG	28	34
09440W	2723N	2482-16030	00000/0000	2-10018/1168	05/18/76	30	6720	58.9	97.2	GGGG	26	41
09441W	4848N	2613-16214	00000/0000	2-10023/0028	09/26/76	90	8547	34.6	146.6	GGGG	31	26
09441W	4845N	2415-16270	00000/0000	2-10016/1138	03/12/76	70	5786	31.9	143.8	GGGG	31	26
09441W	3721N	2646-16064	00000/0000	2-10024/0039	10/29/76	100	9007	32.2	146.3	GGGG	28	34
09441W	2728N	2572-16003	00000/0000	2-10021/1065	08/16/76	80	7975	54.1	105.5	GGGG	26	41
09441W	2725N	2536-16013	00000/0000	2-10020/0725	07/11/76	50	7473	57.3	91.5	GGGG	26	41
09442W	3722N	2664-16060	00000/0000	2-10025/0681	11/16/76	100	9258	27.3	148.6	GGGG	28	34
09442W	3720N	2394-16140	00000/0000	2-10016/0191	02/20/76	50	5493	31.8	139.1	GGGG	28	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=9 AND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0575

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL No./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09442	3716N	2376-16143	00000/0000	2-10015/0383	02/02/76	60	5242	26.8	142.7	GGGG	28	34
09442	2729N	2590-16050	00000/0000	2-10022/0441	09/03/76	30	8226	51.7	115.2	FFGG	26	41
09442	2727N	2716-15552	00000/0000	2-10024/0286	01/07/77	10	9983	28.5	140.3	FGGG	26	41
09442	2721N	2518-16020	00000/0000	2-10019/1382	06/23/76	10	7222	58.5	89.2	GGGG	26	41
09443	4845N	2631-16211	00000/0000	2-10023/0917	10/14/76	70	8798	28.5	150.6	GGGG	31	26
09443	4841N	2397-16275	00000/0000	2-10015/0276	02/23/76	0	5535	25.3	145.8	GFGG	31	26
09443	4135N	2629-16115	00000/0000	2-10023/0755	10/12/76	30	8770	34.4	145.4	GGGG	29	31
09443	2727N	2428-16043	00000/0000	2-10017/0471	03/25/76	20	5967	48.0	121.1	GGGG	26	41
09443	2727N	2698-15560	00000/0000	2-10025/1424	12/20/76	70	9732	28.9	143.0	FGGG	26	41
09443	2725N	2680-15565	00000/0000	2-10025/0836	12/02/76	90	9481	31.2	144.0	GGGG	26	41
09444	4844N	2667-16195	00000/0000	2-10025/0441	11/19/76	90	9300	17.8	154.2	GGGG	31	26
09444	4117N	2503-16153	00000/0000	2-10019/0770	06/08/76	50	7013	58.6	116.3	GGGG	29	31
09445	4841N	2649-16203	00000/0000	2-10024/0267	11/01/76	10	9049	22.8	153.2	GGGG	31	26
09445	2723N	2608-15593	00000/0000	2-10027/1100	09/21/76	80	8477	48.4	124.7	GGGG	26	41
09445	2723N	2662-15573	00000/0000	2-10025/0297	11/14/76	100	9230	35.0	142.8	GGGG	26	41
09445	2718N	2374-16060	00000/0000	2-10015/0324	01/31/76	70	5214	32.9	137.4	GGGG	26	41
09446	4834N	2379-16282	00000/0000	2-10015/0505	02/05/76	10	5284	19.7	148.2	FFFF	31	26
09446	2720N	2644-15582	00000/0000	2-10024/0026	10/27/76	100	8979	39.6	139.2	GGGG	26	41
09448	2721N	2392-16053	00000/0000	2-10015/1073	02/18/76	40	5465	37.0	132.7	GFGG	26	41
09448	2721N	2626-15585	00000/0000	2-10023/0645	10/09/76	50	8728	44.3	133.0	GGGG	26	41
09450	3150N	2465-16075	00000/0000	2-10018/0466	05/01/76	30	6483	56.4	112.1	GGGG	27	38
09451	3149N	2447-16082	00000/0000	2-10017/1311	04/13/76	80	6232	52.1	119.4	FGGG	27	38
09452	4443N	2450-16214	00000/0000	2-10017/1368	04/16/76	60	6274	47.4	134.7	GFGG	30	29
09452	4441N	2468-16211	00000/0000	2-10018/0565	05/04/76	10	6525	52.6	130.7	GGGG	30	29
09453	3149N	2573-16045	00000/0000	2-10021/1118	08/17/76	30	7989	53.3	112.4	GGGG	27	38
09453	3144N	2555-16053	00000/0000	2-10021/0457	07/30/76	20	7738	55.7	104.5	GGGG	27	38
09453	3140N	2483-16072	00000/0000	2-10018/1295	05/19/76	10	6734	58.9	104.5	GGGG	27	38
09455	4440N	2432-16222	00000/0000	2-10017/0607	03/29/76	100	6023	41.0	138.0	GG G	30	29
09455	4433N	2486-16205	00000/0000	2-10019/0017	05/31/76	90	6776	56.2	125.9	GGGG	30	29
09455	3140N	2519-16063	00000/0000	2-10020/0014	06/24/76	60	7236	59.0	96.9	GGGG	27	38
09455	3139N	2501-16070	00000/0000	2-10019/0645	06/06/76	90	6985	59.6	98.9	GGGG	27	38
09456	4440N	2576-16182	00000/0000	2-10022/0066	08/20/76	0	8031	48.1	131.0	GGGG	30	29
09456	4436N	2558-16155	00000/0000	2-10021/0470	08/02/76	10	7780	52.2	125.3	GGGG	30	29
09456	3144N	2681-16012	00000/0000	2-10025/0865	12/03/76	0	9495	28.0	146.2	FGGG	27	38
09456	3139N	2537-16060	00000/0000	2-10020/0757	07/12/76	70	7487	57.6	98.9	FFFF	27	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
COORDINATE LISTING  
FOR US

PAGE 0576

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RRLI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09457W	4439N	2720-16131	00000/0000	2-10026/0427	01/11/77	20	39	16.8	147.5	GGGG		30	29
09457W	3148N	2699-16003	00000/0000	2-10025/1450	12/21/76	20	9746	25.7	145.0	FGGG		27	38
09457W	3146N	2591-16043	00000/0000	2-10022/0535	09/04/76	70	8240	50.2	121.3	GG G		27	38
09458W	4439N	2702-16135	00000/0000	2-10025/1534	12/24/76	50	9788	16.1	150.2	FGGG		30	29
09458W	4435N	2684-16144	00000/0000	2-10025/0987	12/06/76	0	9537	17.8	151.9	GGGG		30	29
09458W	3610N	2448-16125	00000/0000	2-10017/1355	04/14/76	90	6246	50.8	124.7	GGGG		28	35
09459W	4438N	2594-16175	00000/0000	2-10022/0634	09/07/76	10	8282	43.3	137.1	GGGG		30	29
09459W	4429N	2540-16192	00000/0000	2-10020/0950	07/15/76	30	7529	55.3	121.2	GGGG		30	29
09459W	4023N	2467-16165	00000/0000	2-10013/0486	05/03/76	10	6511	54.3	124.7	GGGG		29	32
09459W	3606N	2466-16122	00000/0000	2-10018/0498	05/02/76	10	6497	55.5	118.5	GGGG		28	35
09459W	3137N	2411-16093	00000/0000	2-10016/0948	03/08/76	100	5730	40.6	130.8	GGFG		27	38
09500W	4025N	2449-16172	00000/0000	2-10017/1413	04/15/76	70	6260	49.3	129.8	GGFG		29	32
09500W	3600N	2484-16115	00000/0000	2-10018/1269	05/20/76	10	6748	58.5	111.9	GGGG		28	35
09500W	3139N	2663-16020	00000/0000	2-10025/0333	11/15/76	100	9244	31.8	145.4	GGGG		27	38
09500W	3138N	2393-16100	00000/0000	2-10016/0130	02/19/76	0	5479	34.9	135.5	GGGG		27	38
09500W	3137N	2375-16103	00000/0000	2-10015/0343	02/01/76	10	5228	30.4	139.7	FGGG		27	38
09500W	3137N	2645-16024	00000/0000	2-10024/0096	10/28/76	90	8993	36.5	142.5	GGGG		27	38
09500W	3136N	2627-16032	00000/0000	2-10023/0685	10/10/76	0	8742	41.6	137.2	GGGG		27	38
09500W	2606N	2446-16042	00000/0000	2-10017/0977	04/12/76	20	6218	53.4	111.8	GGGG		26	42
09500W	2603N	2464-16035	00000/0000	2-10018/0792	04/30/76	40	6469	57.0	103.0	GGGG		26	42
09501W	4433N	2612-16172	00000/0000	2-10022/1402	09/25/76	30	8533	37.8	142.9	GGGG		30	29
09501W	4432N	2414-16225	00000/0000	2-10016/1029	03/11/76	90	5772	34.2	140.7	GGGG		30	29
09501W	4426N	2522-16195	00000/0000	2-10020/0092	06/27/76	10	7278	57.2	119.9	FGGG		30	29
09501W	2603N	2554-16012	00000/0000	2-10021/0357	07/29/76	20	7724	55.8	94.9	GGGG		26	42
09502W	4427N	2396-16232	00000/0000	2-10016/0436	02/22/76	90	5521	27.8	143.3	GGGG		30	29
09502W	3604N	2430-16132	00000/0000	2-10017/0536	03/27/76	0	5995	45.0	129.9	GGGG		28	35
09502W	3604N	2556-16095	00000/0000	2-10021/0395	07/31/76	10	7752	55.0	111.7	GGGG		28	35
09502W	2557N	2482-16032	00000/0000	2-10018/1169	05/18/76	30	6720	58.8	94.6	GGGG		26	42
09503W	4427N	2648-16160	00000/0000	2-10024/0227	10/31/76	10	9035	26.4	150.7	GGGG		30	29
09503W	4427N	2666-16152	00000/0000	2-10025/0369	11/18/76	60	9286	21.4	152.2	GGGG		30	29
09503W	4426N	2630-16164	00000/0000	2-10023/1113	10/13/76	10	8784	32.1	147.5	GGGG		30	29
09503W	4025N	2575-16135	00000/0000	2-10021/1217	08/19/76	0	8017	50.2	125.2	GGGG		29	32
09503W	4016N	2485-16162	00000/0000	2-10018/1333	05/21/76	50	6762	57.5	119.0	GGGG		29	32
09503W	3606N	2700-16050	00000/0000	2-10025/1479	12/22/76	0	9760	22.6	146.8	GGG		28	35
09503W	3605N	2718-16041	00000/0000	2-10026/0354	01/09/77	100	11	22.7	144.0	GGGG		28	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0577

FBR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RALI MSS	DATE ACQUIRED	CLOUD COVER %	SUN ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUN ORBIT PATH NUM.	FRAME ROW NUM.
09504N	4424N	2378-16235	00000/0000	2-10015/0463	02/04/76	80	5270	22.4	146.1	GGFF		30	29
09504N	4023N	2719-16084	00000/0000	2-10026/0382	01/10/77	0	26	19.8	145.8	GGGG		29	32
09504N	4022N	2701-16092	00000/0000	2-10025/1503	12/23/76	10	9774	19.4	148.5	G GG		29	32
09504N	3606N	2592-16085	00000/0000	2-10022/0554	09/05/76	10	8254	48.2	127.0	GGGG		28	35
09504N	3600N	2682-16054	00000/0000	2-10025/0911	12/04/76	10	9509	24.6	148.2	GGGG		28	35
09504N	3559N	2538-16103	00000/0000	2-10020/0829	07/13/76	10	7501	57.4	106.6	GGGG		28	35
09504N	3556N	2520-16110	00000/0000	2-10019/1468	06/25/76	60	7250	59.0	104.7	GGGG		28	35
09504N	2556N	2500-16025	00000/0000	2-10019/0572	06/05/76	20	6971	59.0	88.8	GFGG		26	42
09505N	4018N	2557-16142	00000/0000	2-10021/0406	08/01/76	60	7766	53.8	118.6	GGGG		29	32
09505N	3603N	2610-16082	00000/0000	2-10022/1325	09/23/76	10	8505	43.6	134.7	GGFF		28	35
09505N	2603N	2590-16002	00000/0000	2-10022/0442	09/03/76	20	8226	52.0	113.3	FFGG		26	42
09505N	2602N	2572-16005	00000/0000	2-10021/1066	08/16/76	90	7975	54.2	103.4	FFFF		26	42
09505N	2601N	2716-15554	00000/0000	2-10026/0287	01/07/77	30	9983	29.4	139.5	GGGG		26	42
09505N	2559N	2536-16020	00000/0000	2-10020/0764	07/11/76	60	7473	57.1	89.1	GGGG		26	42
09505N	2555N	2518-16023	00000/0000	2-10019/1383	06/23/76	10	7222	58.2	86.8	FG G		26	42
09506N	4022N	2593-16132	00000/0000	2-10022/0589	09/06/76	30	8268	45.9	132.3	GGGG		29	32
09506N	4014N	2539-16145	00000/0000	2-10020/0903	07/14/76	10	7515	56.6	114.1	GGGG		29	32
09506N	2601N	2428-16045	00000/0000	2-10017/0472	03/25/76	30	5967	48.5	119.5	GGGG		26	42
09506N	2559N	2680-15571	00000/0000	2-10025/0837	12/02/76	90	9481	32.2	143.2	GGGG		26	42
09507N	4017N	2683-16101	00000/0000	2-10025/0954	12/05/76	80	9523	21.2	150.1	GGGG		29	32
09507N	3556N	2412-16140	00000/0000	2-10016/0866	03/09/76	90	5744	38.6	134.2	GGGG		28	35
09507N	2600N	2698-15563	00000/0000	2-10025/1425	12/20/76	90	9732	29.9	142.2	GGGG		26	42
09507N	2555N	2410-16053	00000/0000	2-10016/0851	03/07/76	30	5716	43.0	126.0	GGGG		26	42
09508N	4018N	2611-16125	00000/0000	2-10022/1388	09/24/76	40	8519	40.8	138.9	GGGG		29	32
09508N	4011N	2521-16153	00000/0000	2-10019/1487	06/26/76	10	7264	58.3	112.4	GGGG		29	32
09508N	3555N	2646-16071	00000/0000	2-10024/0040	10/29/76	100	9007	33.3	145.4	GGGG		28	35
09509N	4014N	2395-16190	00000/0000	2-10016/0224	02/21/76	100	5507	30.2	140.8	GGGG		29	32
09509N	4012N	2413-16143	00000/0000	2-10016/0992	03/10/76	50	5758	36.5	137.4	GGGG		29	32
09509N	4011N	2647-16114	00000/0000	2-10024/0179	10/30/76	90	9021	29.9	148.2	GGGG		29	32
09509N	3557N	2664-16063	00000/0000	2-10025/0682	11/16/76	100	9258	28.4	147.8	GGGG		28	35
09509N	3554N	2394-16143	00000/0000	2-10016/0192	02/20/76	70	5493	32.6	138.2	GGGG		28	35
09509N	2557N	2608-15595	00000/0000	2-10022/1257	09/21/76	90	8477	49.0	123.1	GGGG		26	42
09509N	2557N	2662-15580	00000/0000	2-10025/0298	11/14/76	100	9230	36.0	141.9	GGGG		26	42
09509N	2554N	2644-15584	00000/0000	2-10024/0043	10/27/76	90	8979	40.6	138.1	GGGG		26	42
09509N	2552N	2374-16062	00000/0000	2-10015/0325	01/31/76	50	5214	33.7	136.5	GGGG		26	42

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0578

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN REEL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBY MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09510W	4732N	2451-16264	00000/0000	2-10017/1458	04/17/76	40	6288	46.1	137.8	FGGG		31	27
09510W	4732N	2469-16261	00000/0000	2-10018/0592	05/05/76	20	6539	51.4	134.3	GGFF		31	27
09510W	4012N	2665-16105	00000/0000	2-10025/0916	11/17/76	10	9272	24.9	150.1	F GF		29	32
09510W	4008N	2377-16192	00000/0000	2-10015/0422	02/03/76	60	5256	25.1	144.0	GGFF		29	32
09510W	3555N	2628-16075	00000/0000	2-10023/0694	10/11/76	0	8756	38.6	140.9	GGGG		28	35
09510W	3551N	2376-16145	00000/0000	2-10015/0384	02/02/76	70	5242	27.8	141.9	GGFG		28	35
09511W	2554N	2392-16060	00000/0000	2-10015/1074	02/18/76	40	5465	37.8	131.6	GGGG		26	42
09511W	2554N	2626-15592	00000/0000	2-10023/0346	10/09/76	80	8728	45.1	131.7	GGGG		26	42
09512W	4733N	2577-16231	00000/0000	2-10021/1233	08/21/76	10	8045	46.4	134.7	F GG		31	27
09513W	4010N	2629-16122	00000/0000	2-10023/0756	10/12/76	30	8770	35.4	144.3	FGGG		29	32
09513W	3951N	2503-16160	00000/0000	2-10019/0771	06/08/76	30	7013	58.9	113.7	GGGG		29	32
09515W	4726N	2433-16271	00000/0000	2-10017/0621	03/30/76	10	6037	39.7	140.5	GGGG		31	27
09515W	4723N	2487-16254	00000/0000	2-10018/1339	05/23/76	0	6790	55.1	130.2	GGFG		31	27
09515W	4720N	2541-16241	00000/0000	2-10020/0965	07/16/76	70	7543	54.1	126.0	GGGG		31	27
09515W	3024N	2447-16085	00000/0000	2-10017/1312	04/13/76	90	6232	52.6	117.4	GGGG		27	39
09515W	3023N	2465-16081	00000/0000	2-10018/0467	05/01/76	50	6483	56.7	109.7	GGGG		27	39
09516W	4730N	2721-16180	00000/0000	2-10026/0454	01/12/77	0	53	14.9	148.6	GGGG		31	27
09516W	4729N	2703-16184	00000/0000	2-10025/1558	12/25/76	30	9802	14.0	151.2	GGGG		31	27
09516W	4727N	2595-16224	00000/0000	2-10022/0672	09/08/76	50	8296	41.3	140.2	GGGG		31	27
09517W	4725N	2685-16193	00000/0000	2-10025/1028	12/07/76	30	9551	15.4	153.1	GGGG		31	27
09517W	4720N	2415-16274	00000/0000	2-10016/1139	03/12/76	60	5786	32.8	142.7	GGGG		31	27
09517W	4719N	2505-16251	00000/0000	2-10019/0967	06/10/76	10	7041	56.6	126.5	GGGG		31	27
09517W	3022N	2573-16052	00000/0000	2-10021/1119	08/17/76	60	7989	53.6	110.3	GGGG		27	39
09518W	4723N	2613-16221	00000/0000	2-10023/0029	09/26/76	70	8547	35.6	145.5	GGGG		31	27
09518W	3021N	2429-16092	00000/0000	2-10017/0359	03/26/76	70	5981	47.2	124.1	GGGG		27	39
09518W	3018N	2555-16055	00000/0000	2-10021/0371	07/30/76	50	7738	55.8	102.2	GGGG		27	39
09518W	3015N	2483-16075	00000/0000	2-10018/1296	05/19/76	20	6734	59.0	101.9	GGGG		27	39
09519W	4720N	2631-16213	00000/0000	2-10023/0918	10/14/76	10	8798	29.6	149.7	GGGG		31	27
09519W	4717N	2397-16242	00000/0000	2-10016/0277	02/23/76	0	5535	26.2	144.9	GGGG		31	27
09520W	4719N	2667-16201	00000/0000	2-10025/0442	11/19/76	50	9300	18.9	153.6	GGGG		31	27
09520W	3014N	2519-16065	00000/0000	2-10020/0015	06/24/76	60	7236	58.9	94.3	GGGG		27	39
09520W	3014N	2537-16062	00000/0000	2-10020/0788	07/12/76	80	7487	57.5	96.5	FFFF		27	39
09521W	4716N	2649-16210	00000/0000	2-10024/0265	11/01/76	10	9049	23.9	152.4	GGGG		31	27
09521W	3020N	2591-16045	00000/0000	2-10022/0536	09/04/76	50	8240	50.7	119.5	GGGG		27	39
09521W	3018N	2681-16014	00000/0000	2-10025/0866	12/03/76	0	9495	29.0	145.5	FGGG		27	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0579

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09522N	3022N	2639-16005	00000/0000	2-10025/1451	12/21/76	0	9746	26.8	144.3	GGGG		27	39
09523N	4710N	2379-16284	00000/0000	2-10015/0536	02/05/76	50	5284	20.7	147.4	FFFF		31	27
09523N	3011N	2411-16100	00000/0000	2-10016/0921	03/08/76	80	5730	41.3	129.6	GFGG		27	39
09523N	2440N	2446-16044	00000/0000	2-10017/0978	04/12/76	30	6218	53.7	109.7	GFGG		26	43
09523N	2436N	2464-16041	00000/0000	2-10018/0793	04/30/76	70	6469	57.1	100.7	GGGG		26	43
09524N	4317N	2450-16221	00000/0000	2-10017/1369	04/16/76	20	6274	48.1	133.1	GGGG		30	30
09524N	4316N	2468-16214	00000/0000	2-10018/0566	05/04/76	20	6525	53.3	128.6	GGGG		30	30
09524N	2437N	2554-16015	00000/0000	2-10021/0358	07/29/76	20	7724	55.6	92.7	GGGG		26	43
09525N	5009N	2488-16303	00000/0000	2-10018/1427	05/24/76	10	6804	53.8	134.3	GGGG		32	25
09525N	3443N	2448-16131	00000/0000	2-10017/1356	04/14/76	80	6246	51.4	122.9	GGGG		28	36
09525N	3013N	2663-16023	00000/0000	2-10025/0334	11/15/76	90	9244	32.8	144.6	GGGG		27	39
09525N	3011N	2375-16105	00000/0000	2-10015/0344	02/01/76	10	5228	31.3	138.9	FGGG		27	39
09525N	3011N	2627-16035	00000/0000	2-10023/0710	10/10/76	0	8742	42.4	135.9	GGG		27	39
09525N	3011N	2645-16031	00000/0000	2-10024/0097	10/28/76	100	8993	37.5	141.5	GGGG		27	39
09525N	2430N	2482-16035	00000/0000	2-10018/1170	05/18/76	30	6720	58.6	92.1	GGGG		26	43
09526N	3440N	2466-16124	00000/0000	2-10018/0499	05/02/76	0	6497	56.0	116.2	GGGG		28	36
09526N	3434N	2484-16122	00000/0000	2-10018/1270	05/20/76	10	6748	58.7	109.3	GGGG		28	36
09527N	4314N	2432-16224	00000/0000	2-10017/0608	03/29/76	100	6023	41.8	136.6	GGGG		30	30
09527N	4308N	2486-16211	00000/0000	2-10019/0018	05/22/76	100	6776	56.7	123.5	GGGG		30	30
09528N	5007N	2506-16301	00000/0000	2-10019/0841	06/11/76	40	7055	55.4	131.0	GGGG		32	25
09528N	5007N	2542-16281	00000/0000	2-10020/1012	07/17/76	40	7557	52.8	130.4	GGGG		32	25
09528N	4315N	2576-16184	00000/0000	2-10022/0067	08/20/76	0	8031	48.8	129.2	GFGG		30	30
09528N	3857N	2467-16171	00000/0000	2-10018/0487	05/03/76	0	6511	54.8	122.5	GGGG		29	33
09528N	3440N	2574-16095	00000/0000	2-10021/1165	08/18/76	10	8003	52.4	117.0	GGGG		28	36
09528N	2436N	2590-16005	00000/0000	2-10022/0443	09/03/76	30	8226	52.3	111.3	FGGG		26	43
09528N	2435N	2716-15561	00000/0000	2-10026/0288	01/07/77	60	9983	30.3	138.7	GGGG		26	43
09528N	2434N	2428-16052	00000/0000	2-10017/0473	03/25/76	20	5967	49.0	117.8	GGGG		26	43
09528N	2427N	2518-16025	00000/0000	2-10019/1384	06/23/76	20	7222	57.9	84.4	GGGG		26	43
09529N	4314N	2720-16133	00000/0000	2-10026/0428	01/11/77	10	39	17.8	146.9	GGGG		30	30
09529N	4311N	2558-16191	00000/0000	2-10021/0471	08/02/76	10	7780	52.7	123.2	GGGG		30	30
09529N	3859N	2449-16174	00000/0000	2-10017/1414	04/15/76	100	6260	49.9	128.1	GGFF		29	33
09529N	3439N	2556-16102	00000/0000	2-10021/0396	07/31/76	0	7752	55.3	109.5	GGGG		28	36
09529N	3438N	2430-16135	00000/0000	2-10017/0537	03/27/76	0	5995	45.6	128.4	GG G		28	36
09529N	2433N	2680-15574	00000/0000	2-10025/0838	12/02/76	90	9481	33.2	142.4	GGGG		26	43
09530N	4313N	2702-16142	00000/0000	2-10025/1535	12/24/76	10	9788	17.2	149.6	GFGG		30	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (L=)LINEAR, (C=)COMPRESSED, (H=)HIGH GAIN  
 MSS IMAGE GAIN ..... (L=)LINEAR, (H=)HIGH GAIN

01:29 APR 28, 1977

 LANDSAT-2  
 COORDINATE LISTING  
 FOR HIS

PAGE 0580

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	SUN ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09530W 4310N	2684-16150	00000/0000 2-10025/0988	12/06/76	0	9537	18.9	151.3				30	30
09530W 4303N	2540-16195	00000/0000 2-10020/0951	07/15/76	60	7529	55.7	118.9	GGGG			30	30
09530W 3440N	2592-16092	00000/0000 2-10022/0570	09/05/76	10	8254	48.8	125.3	GGGG			28	36
09530W 3440N	2700-16052	00000/0000 2-10025/1480	12/22/76	20	9760	23.6	146.1	GGGG			28	36
09530W 3439N	2718-16044	00000/0000 2-10026/0355	01/09/77	90	11	23.7	143.4	GGGG			28	36
09530W 2434N	2698-15545	00000/0000 2-10025/1426	12/20/76	90	9732	30.8	141.5	FGGG			26	43
09530W 2429N	2410-16055	00000/0000 2-10014/0852	03/07/76	40	5716	43.6	124.6	GFGG			26	43
09531W 4313N	2594-16181	00000/0000 2-10022/0635	09/07/76	10	8282	44.1	135.6	GGGG			30	30
09531W 3435N	2682-16061	00000/0000 2-10025/0912	12/04/76	0	9509	25.7	147.5	GGGG			28	36
09531W 3434N	2538-16105	00000/0000 2-10020/0830	07/13/76	10	7501	57.5	104.1	GGGG			28	36
09531W 3430N	2520-16112	00000/0000 2-10019/1469	06/25/76	80	7250	59.0	102.1	GGGG			28	36
09531W 2431N	2652-15582	00000/0000 2-10025/0299	11/14/76	100	9230	37.0	141.0	GGGG			26	43
09532W 3859N	2575-16141	00000/0000 2-10021/1218	08/19/76	0	8017	50.8	123.3	GGGG			29	33
09532W 3857N	2431-16181	00000/0000 2-10017/0520	03/28/76	60	6009	43.8	132.6	GGGG			29	33
09532W 3851N	2485-16164	00000/0000 2-10014/1334	05/21/76	30	6762	57.9	116.6	GGGG			29	33
09532W 3437N	2610-16085	00000/0000 2-10022/1338	09/23/76	10	8505	44.4	133.3	GGGG			28	36
09532W 3429N	2502-16115	00000/0000 2-10019/0697	06/07/76	10	6999	59.6	104.0	GGGG			28	36
09532W 2430N	2608-16002	00000/0000 2-10022/1258	09/21/76	70	8477	49.6	121.4	GGGG			26	43
09532W 2428N	2644-15591	00000/0000 2-10024/0044	10/27/76	90	8979	41.4	137.0	GGGG			26	43
09532W 2426N	2374-16065	00000/0000 2-10015/0326	01/31/76	30	5214	34.6	135.6	GGGG			26	43
09533W 5007N	2632-16263	00000/0000 2-10023/0957	10/15/76	90	8812	27.2	151.7	GGGG			32	25
09533W 4308N	2612-16174	00000/0000 2-10022/1403	09/25/76	70	8533	38.7	141.7	GGGG			30	30
09533W 4307N	2414-16232	00000/0000 2-10016/1030	03/11/76	90	5772	35.1	139.6	GGFG			30	30
09533W 3857N	2701-16095	00000/0000 2-10025/1510	12/23/76	0	9774	20.4	147.9	GGGG			29	33
09533W 3857N	2719-16091	00000/0000 2-10026/0383	01/10/77	0	25	20.8	145.2	GGGG			29	33
09533W 3853N	2557-16145	00000/0000 2-10021/0407	08/01/76	50	7766	54.2	116.5	GGGG			29	33
09533W 2429N	2392-16062	00000/0000 2-10015/1075	02/18/76	60	5465	38.6	130.5	GGFG			26	43
09533W 2428N	2626-15594	00000/0000 2-10023/0647	10/09/76	90	8728	45.8	130.3	GGGG			26	43
09534W 4301N	2522-16202	00000/0000 2-10020/0093	06/27/76	10	7278	57.6	117.5	GGGG			30	30
09534W 3431N	2412-16142	00000/0000 2-10016/0949	03/09/76	90	5744	39.4	133.0	GPFG			28	36
09534W 3430N	2646-16073	00000/0000 2-10024/0041	10/29/76	100	9007	34.3	144.5	GGGG			28	36
09535W 4302N	2396-16235	00000/0000 2-10016/0437	02/22/76	50	5521	28.7	142.4	GGGG			30	30
09535W 4302N	2666-16155	00000/0000 2-10025/0370	11/18/76	30	9286	22.5	151.5	GGGG			30	30
09535W 3856N	2593-16135	00000/0000 2-10022/0590	09/06/76	60	8268	46.6	130.7	GGGG			29	33
09536W 4302N	2648-16163	00000/0000 2-10024/0228	10/31/76	10	9035	27.4	149.9	GGGG			30	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0581

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION	ROLL NO., IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09536W	4301N	2630-16171	00000/0000	2-10023/1114	10/13/76	0	8784	33.1	146.6	GGGG				30	30
09536W	4259N	2378-16242	00000/0000	2-10015/0464	02/04/76	100	5270	23.4	145.3	FGFF				30	30
09536W	3852N	2683-16103	00000/0000	2-10025/0955	12/05/76	50	9523	22.3	149.4	GGGG				29	33
09536W	3848N	2539-16152	00000/0000	2-10020/0904	07/14/76	0	7515	56.9	111.6	GGGG				29	33
09536W	3431N	2664-16065	00000/0000	2-10025/0683	11/16/76	100	9258	29.5	147.1	GGGG				28	36
09536W	3425N	2376-16152	00000/0000	2-10015/0385	02/02/76	90	5242	28.7	141.1	GGFG				28	36
09537W	4955N	2380-16334	00000/0000	2-10015/0569	02/06/76	60	5298	19.0	148.8	G				32	25
09537W	3852N	2611-16131	00000/0000	2-10022/1389	09/24/76	10	8519	41.7	137.7	FGGG				29	33
09537W	3846N	2521-16155	00000/0000	2-10019/1488	06/26/76	10	7264	58.6	109.9	GGGG				29	33
09537W	3429N	2628-16081	00000/0000	2-10023/0695	10/11/76	0	8756	39.5	139.8	GGGG				28	36
09538W	3848N	2395-16192	00000/0000	2-10016/0225	02/21/76	100	5507	31.2	139.9	GGGG				29	33
09538W	3846N	2413-16185	00000/0000	2-10016/0993	03/10/76	10	5758	37.4	136.3	GGGG				29	33
09538W	3846N	2647-16120	00000/0000	2-10024/0146	10/30/76	90	9021	30.9	147.3	GGGG				29	33
09539W	3847N	2665-16112	00000/0000	2-10025/0917	11/17/76	0	9272	26.0	149.4	G GG				29	33
09539W	2857N	2465-16084	00000/0000	2-10018/0468	05/01/76	30	6483	56.9	107.4	GGGG				27	40
09540W	3843N	2377-16195	00000/0000	2-10015/0423	02/03/76	80	5256	26.1	143.3	GGFG				29	33
09540W	2858N	2447-16091	00000/0000	2-10017/1313	04/13/76	80	6232	53.0	115.4	GGFG				27	40
09541W	2856N	2573-16054	00000/0000	2-10021/1120	08/17/76	70	7989	53.8	108.2	GGGG				27	40
09542W	3845N	2629-16124	00000/0000	2-10023/0757	10/12/76	10	8770	36.4	143.3	GGGG				29	33
09542W	3826N	2503-16162	00000/0000	2-10019/0772	06/08/76	50	7013	59.2	111.1	GGGG				29	33
09542W	2855N	2429-16094	00000/0000	2-10017/0360	03/26/76	30	5981	47.8	122.4	GGGG				27	40
09542W	2852N	2555-16062	00000/0000	2-10021/0372	07/30/76	30	7738	55.8	99.9	GGGG				27	40
09542W	2848N	2483-16081	00000/0000	2-10018/1297	05/19/76	70	6734	59.0	99.3	GGGG				27	40
09543W	2848N	2519-16072	00000/0000	2-10019/1424	06/24/76	40	7236	58.7	91.8	GGGG				27	40
09544W	2848N	2501-16075	00000/0000	2-10019/0573	06/06/76	10	6985	59.4	93.6	GGG				27	40
09544W	2848N	2537-16065	00000/0000	2-10020/0789	07/12/76	60	7487	57.4	94.0	FFFF				27	40
09545W	4607N	2451-16270	00000/0000	2-10017/1459	04/17/76	30	6288	46.9	136.2	FGGG				31	28
09545W	4607N	2469-16263	00000/0000	2-10018/0593	05/05/76	90	6539	52.2	132.4	GGGG				31	28
09546W	2856N	2699-16012	00000/0000	2-10025/1452	12/21/76	10	9746	27.8	143.6	GGGG				27	40
09546W	2853N	2591-16052	00000/0000	2-10022/0537	09/04/76	30	8240	51.1	117.6	GGGG				27	40
09546W	2852N	2681-16021	00000/0000	2-10025/0867	12/03/76	0	9495	30.0	144.7	FGGG				27	40
09547W	4607N	2577-16233	00000/0000	2-10021/1234	08/21/76	10	8045	47.1	133.1	GGGG				31	28
09547W	2846N	2609-16045	00000/0000	2-10022/1308	09/22/76	10	8491	47.6	126.8	GGGG				27	40
09548W	2845N	2411-16102	00000/0000	2-10016/0922	03/08/76	70	5730	42.0	128.3	GGGG				27	40
09549W	2848N	2663-16025	00000/0000	2-10024/0335	11/15/76	50	9244	33.8	143.8	GGGG				27	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0582

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RALI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09549	2846N	2393-16105	00000/0000	2-10016/0131	02/19/76	0	5479	36.5	133.5	GGGG				27	40
09549	2845N	2627-16041	00000/0000	2-10023/0711	10/10/76	10	8742	43.3	134.7	GGGG				27	40
09549	2845N	2645-16033	00000/0000	2-10024/0098	10/28/76	100	8993	38.4	140.5	GGGG				27	40
09549	2844N	2375-16112	00000/0000	2-10015/0457	02/01/76	0	5228	32.2	138.0	GGGG				27	40
09550	4605N	2721-16182	00000/0000	2-10026/0455	01/12/77	0	53	15.9	148.0	GGGG				31	28
09550	4604N	2703-16191	00000/0000	2-10025/1559	12/25/76	70	9802	15.0	150.6	GGGG				31	28
09550	4602N	2433-16273	00000/0000	2-10017/0622	03/30/76	10	6037	40.6	139.1	GGGG				31	28
09550	4557N	2487-16260	00000/0000	2-10018/1340	05/23/76	20	6790	55.7	127.9	GGGG				31	28
09550	4555N	2541-16244	00000/0000	2-10020/0966	07/16/76	70	7543	54.6	123.7	GGGG				31	28
09551	4602N	2595-16231	00000/0000	2-10022/0673	09/08/76	80	8296	42.1	138.8	GGGG				31	28
09551	4554N	2505-16254	00000/0000	2-10019/0968	06/10/76	10	7041	57.2	124.1	GGGG				31	28
09551	3318N	2448-16134	00000/0000	2-10017/1357	04/14/76	70	6246	51.9	121.0	GGGG				28	37
09552	4559N	2685-16195	00000/0000	2-10025/1029	12/07/76	70	9551	16.5	152.4	GGGG				31	28
09552	4555N	2415-16281	00000/0000	2-10016/1140	03/12/76	90	5786	33.7	141.6	GGGG				31	28
09552	3314N	2466-16131	00000/0000	2-10018/0504	05/02/76	0	6497	56.3	113.9	GGGG				28	37
09552	3308N	2434-16124	00000/0000	2-10018/1271	05/20/76	30	6748	58.9	106.8	GGGG				28	37
09553	4558N	2613-16223	00000/0000	2-10023/0030	09/26/76	70	8547	36.5	144.3	GGGG				31	28
09554	4552N	2397-16234	00000/0000	2-10016/0278	02/23/76	0	5535	27.2	144.0	GGGG				31	28
09554	3314N	2574-16101	00000/0000	2-10021/1166	08/18/76	10	8003	52.8	114.9	GGGG				28	37
09555	4555N	2631-16220	00000/0000	2-10023/0919	10/14/76	10	8798	30.6	148.7	GGGG				31	28
09555	4555N	2667-16204	00000/0000	2-10025/0443	11/19/76	10	9300	20.0	152.9	GGGG				31	28
09555	4151N	2468-16220	00000/0000	2-10018/0567	05/04/76	10	6525	53.9	126.6	GGGG				30	31
09555	3312N	2430-16141	00000/0000	2-10017/0538	03/27/76	10	5995	46.3	126.8	GGGG				28	37
09555	3312N	2556-16104	00000/0000	2-10021/0397	07/31/76	10	7752	55.5	107.2	GGGG				28	37
09556	4552N	2649-16212	00000/0000	2-10024/0266	11/01/76	10	9049	25.0	151.6	GGGG				31	28
09556	4152N	2450-16223	00000/0000	2-10017/1370	04/16/76	10	6274	48.9	131.4	GGGG				30	31
09556	3314N	2592-16094	00000/0000	2-10022/0571	09/05/76	10	8254	49.4	123.6	GGGG				28	37
09556	3314N	2700-16055	00000/0000	2-10025/1481	12/22/76	10	9760	24.7	145.5	GGGG				28	37
09556	3312N	2718-16050	00000/0000	2-10026/0356	01/09/77	80	11	24.7	142.7	GGGG				28	37
09556	3304N	2520-16115	00000/0000	2-10020/0041	06/25/76	80	7250	59.0	99.5	GGGG				28	37
09557	4142N	2486-16214	00000/0000	2-10019/0019	05/22/76	100	6776	57.2	121.2	GGGG				30	31
09557	3733N	2449-16181	00000/0000	2-10017/1415	04/15/76	90	6260	50.6	126.2	GGGG				29	34
09557	3731N	2467-16174	00000/0000	2-10018/0488	05/03/76	10	6511	55.3	120.3	GGGG				29	34
09557	3309N	2538-16112	00000/0000	2-10020/0831	07/13/76	30	7501	57.5	101.7	GGGG				28	37
09557	3309N	2682-16059	00000/0000	2-10025/0913	12/04/76	10	9509	26.7	146.8	GGGG				28	37

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=AND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0583

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	GRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
09557W	3302N	2502-16122	00000/0000	2-10019/0698	06/07/76	30	6999	59.6	101.3	GGGG		28	37
09558W	4545N	2379-16291	00000/0000	2-10015/0507	02/05/76	80	5284	21.7	146.6	FFFF		31	28
09558W	4149N	2432-16231	00000/0000	2-10017/0609	03/29/76	100	6023	42.6	135.2	FFFG		30	31
09558W	3311N	2610-16091	00000/0000	2-10022/1339	09/23/76	10	8505	45.2	131.9	GGGG		28	37
09559W	4149N	2576-16191	00000/0000	2-10022/0068	08/20/76	0	8031	49.4	127.4	GGGG		30	31
09559W	3734N	2575-16144	00000/0000	2-10021/1219	08/19/76	0	8017	51.3	121.4	GGGG		29	34
09600W	4858N	2452-16315	00000/0000	2-10017/1536	04/18/76	90	6302	45.6	139.3	FGGG		32	26
09600W	4148N	2720-16140	00000/0000	2-10026/0429	01/11/77	50	39	18.9	146.3	GGGG		30	31
09600W	4145N	2558-16194	00000/0000	2-10021/0472	08/02/76	10	7780	53.2	121.1	GGGG		30	31
09600W	3731N	2431-16184	00000/0000	2-10017/0521	03/28/76	90	6009	44.6	131.1	GGGG		29	34
09600W	3726N	2485-16171	00000/0000	2-10018/1335	05/21/76	40	6762	58.3	114.1	GGGG		29	34
09600W	3305N	2412-16145	00000/0000	2-10016/0950	03/09/76	90	5744	40.2	131.8	PPFG		28	37
09600W	3304N	2646-16080	00000/0000	2-10024/0042	10/29/76	100	9007	35.3	143.6	GGGG		28	37
09601W	4856N	2578-16283	00000/0000	2-10021/1186	08/22/76	10	8059	45.3	136.7	GGGG		32	26
09601W	4852N	2470-16312	00000/0000	2-10018/0607	05/06/76	50	6553	51.0	136.0	GGGG		32	26
09601W	4148N	2702-16144	00000/0000	2-10025/1536	12/24/76	80	9783	18.3	149.0	GGGG		30	31
09601W	4144N	2684-16153	00000/0000	2-10025/0989	12/06/76	10	9537	20.0	150.7	GGGG		30	31
09601W	4141N	2504-16211	00000/0000	2-10019/0753	06/09/76	10	7027	58.5	116.8	GGGG		30	31
09601W	4139N	2540-16201	00000/0000	2-10020/0952	07/15/76	90	7529	56.1	116.6	GGGG		30	31
09601W	3732N	2719-16093	00000/0000	2-10026/0384	01/10/77	0	25	21.8	144.5	GGGG		29	34
09601W	3731N	2701-16101	00000/0000	2-10025/1511	12/23/76	0	9774	21.5	147.3	GGGG		29	34
09601W	3305N	2664-16072	00000/0000	2-10025/0684	11/16/76	100	9258	30.5	146.3	GGGG		28	37
09601W	3303N	2394-16152	00000/0000	2-10016/0193	02/20/76	100	5493	34.4	136.2	GGGG		28	37
09602W	4854N	2434-16323	00000/0000	2-10017/0636	03/31/76	0	6051	39.2	141.7	GGGG		32	26
09602W	4148N	2594-16184	00000/0000	2-10022/0636	09/07/76	10	8282	44.9	134.1	GGGG		30	31
09602W	3727N	2557-16151	00000/0000	2-10021/0408	08/01/76	60	7766	54.6	114.3	GGGG		29	34
09602W	3304N	2628-16084	00000/0000	2-10023/0696	10/11/76	0	8756	40.4	138.7	GGGG		28	37
09603W	4855N	2722-16232	00000/0000	2-10026/0491	01/13/77	40	67	14.0	149.1	FGGG		32	26
09603W	4854N	2596-16250	00000/0000	2-10027/0721	09/09/76	10	8310	40.1	141.9	FGGG		32	26
09603W	4845N	2488-16310	00000/0000	2-10018/1428	05/24/76	0	6804	54.5	132.1	GGGG		32	26
09603W	3300N	2376-16154	00000/0000	2-10015/0386	02/02/76	20	5242	29.7	140.3	GGFG		28	37
09603W	2731N	2465-16030	00000/0000	2-10018/0469	05/01/76	30	6483	57.1	105.0	GGGG		27	41
09604W	4852N	2560-16290	00000/0000	2-10021/0590	08/04/76	80	7808	49.9	131.7	GGFG		32	26
09604W	4142N	2414-16234	00000/0000	2-10016/1031	03/11/76	100	5772	36.0	138.4	GFFG		30	31
09604W	4142N	2612-16181	00000/0000	2-10022/1404	09/25/76	100	8533	39.7	140.5	GGFG		30	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0584

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL REV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09604W	3731N	2593-16141	00000/0000	2-10022/0591	09/06/76	10	8268	47.3	129.1	GGGG	29	34
09604W	3726N	2683-16110	00000/0000	2-10025/0956	12/05/76	10	9523	23.4	148.8	GGGG	29	34
09604W	3723N	2539-16154	00000/0000	2-10020/0905	07/14/76	20	7515	57.1	109.2	GGGG	29	34
09605W	4136N	2522-16204	00000/0000	2-10020/0094	06/27/76	50	7278	58.0	114.9	GGGG	30	31
09605W	3726N	2611-16134	00000/0000	2-10022/1390	09/24/76	0	8519	42.6	136.4	GGGG	29	34
09605W	3720N	2521-16162	00000/0000	2-10019/1489	06/26/76	20	7264	58.8	107.3	GGGG	29	34
09605W	2730N	2573-16041	00000/0000	2-10021/1121	08/17/76	80	7989	54.0	106.1	GGGG	27	41
09606W	4843N	2542-16293	00000/0000	2-10020/1013	07/17/76	20	7557	53.4	128.2	GGGG	32	26
09606W	4842N	2506-16303	00000/0000	2-10019/0842	06/11/76	10	7055	56.1	128.7	GGGG	32	26
09606W	4137N	2396-16241	00000/0000	2-10016/0438	02/22/76	0	5521	29.7	141.5	GGGG	30	31
09606W	4137N	2666-16161	00000/0000	2-10025/0371	11/18/76	10	9286	23.6	150.8	GGGG	30	31
09606W	4134N	2378-16244	00000/0000	2-10015/0465	02/04/76	90	5270	24.4	144.6	GGGG	30	31
09606W	3722N	2395-16195	00000/0000	2-10016/0226	02/21/76	90	5507	32.0	138.9	GGGG	29	34
09606W	3722N	2665-16114	00000/0000	2-10025/0918	11/17/76	40	9272	27.1	148.6	GGGG	29	34
09606W	3720N	2413-16192	00000/0000	2-10016/0994	03/10/76	0	5758	38.2	135.1	GGGG	29	34
09606W	2729N	2429-16101	00000/0000	2-10017/0361	03/26/76	30	5981	48.3	120.8	GGGG	27	41
09606W	2722N	2483-16084	00000/0000	2-10018/1298	05/19/76	60	6734	59.0	96.8	GGGG	27	41
09607W	4849N	2686-16244	00000/0000	2-10025/1096	12/08/76	40	9565	14.2	153.6	GGGG	32	26
09607W	4846N	2416-16330	00000/0000	2-10016/1106	03/13/76	80	5800	32.3	143.7	GGGG	30	31
09607W	4137N	2648-16185	00000/0000	2-10024/0229	10/31/76	10	9036	28.5	149.1	GGGG	30	31
09607W	4136N	2630-16173	00000/0000	2-10023/1115	10/13/76	10	8784	34.1	145.6	GGGG	30	31
09607W	3721N	2647-16123	00000/0000	2-10024/0147	10/30/76	90	9021	31.9	146.5	GGGG	29	34
09607W	2722N	2519-16074	00000/0000	2-10019/1425	06/24/76	40	7236	58.5	89.3	GGGG	27	41
09607W	2721N	2501-16081	00000/0000	2-10019/0574	06/06/76	20	6985	59.2	91.1	GGGG	27	41
09608W	4847N	2614-16273	00000/0000	2-10023/0089	09/27/76	20	8561	34.3	146.8	GGGG	32	26
09608W	4840N	2524-16300	00000/0000	2-10020/0188	06/29/76	20	7306	55.6	127.1	GGGG	32	26
09608W	3717N	2377-16201	00000/0000	2-10015/0424	02/03/76	70	5256	27.1	142.5	GGGG	29	34
09608W	2723N	2537-16071	00000/0000	2-10020/0790	07/12/76	70	7487	57.2	91.7	GGGG	27	41
09609W	4844N	2398-16333	00000/0000	2-10016/0327	02/24/76	10	5549	25.6	145.7	GGGG	32	26
09609W	2728N	2591-16054	00000/0000	2-10022/0538	09/04/76	20	8240	51.5	115.7	GGGG	27	41
09610W	3719N	2629-16131	00000/0000	2-10023/0758	10/12/76	0	8770	37.3	142.3	GGGG	29	34
09610W	3700N	2503-16165	00000/0000	2-10019/0773	06/08/76	10	7013	59.4	108.4	GGGG	29	34
09610W	2730N	2699-16014	00000/0000	2-10025/1453	12/21/76	80	9746	28.8	142.9	GGGG	27	41
09610W	2726N	2681-16023	00000/0000	2-10025/0868	12/03/76	10	9495	31.0	144.0	GGGG	27	41
09611W	4844N	2668-16253	00000/0000	2-10025/0465	11/20/76	90	9314	17.6	154.2	GGGG	32	26

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0585

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROL MSS	DATE ACQUIRED	CLOUD COVER %	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09611W	4842N	2632-16265	00000/0000	2-10023/0958	10/15/76	100	8812	28.2	150.8	GGGG			32	26
09611W	2720N	2609-16051	00000/0000	2-10022/1309	09/22/76	10	8491	48.2	125.2	GGGG			27	41
09611W	2719N	2411-16105	00000/0000	2-10016/0923	03/08/76	50	5730	42.7	127.0	GGGG			27	41
09612W	2720N	2645-16040	00000/0000	2-10024/0057	10/28/76	100	8993	39.4	139.4	GGGG			27	41
09612W	2719N	2627-16044	00000/0000	2-10023/0712	10/10/76	10	8742	44.1	133.4	GGGG			27	41
09613W	2722N	2663-16032	00000/0000	2-10025/0336	11/15/76	70	9244	34.8	142.9	GGGG			27	41
09613W	2720N	2393-16112	00000/0000	2-10016/0132	02/19/76	80	5479	37.3	132.4	GGGF			27	41
09613W	2718N	2375-16114	00000/0000	2-10015/0458	02/01/76	0	5228	33.0	137.2	GFFG			27	41
09616W	3152N	2448-16140	00000/0000	2-10017/1560	04/14/76	80	6246	52.4	119.0	GGFG			28	38
09617W	3148N	2466-16133	00000/0000	2-10018/0505	05/02/76	0	6497	56.6	111.6	GGGG			28	38
09618W	3143N	2484-16131	00000/0000	2-10018/1272	05/20/76	60	6748	59.0	104.2	GGGG			28	38
09619W	4442N	2451-16273	00000/0000	2-10017/1460	04/17/76	50	6288	47.7	134.5	GGGG			31	29
09619W	4441N	2469-16270	00000/0000	2-10018/0594	05/05/76	80	6539	52.9	130.4	GGGG			31	29
09620W	4442N	2577-16240	00000/0000	2-10021/1235	08/21/76	10	8045	47.8	131.3	GGGG			31	29
09620W	3147N	2574-16134	00000/0000	2-10021/1167	08/18/76	10	8003	53.1	112.9	GGGG			28	38
09620W	3146N	2430-16144	00000/0000	2-10017/0539	03/27/76	10	5995	46.9	125.3	GGGG			28	38
09620W	3146N	2556-16111	00000/0000	2-10021/0398	07/31/76	10	7752	55.6	104.9	GGGG			28	38
09621W	3148N	2592-16101	00000/0000	2-10022/0572	09/05/76	10	8254	49.9	121.8	GGGG			28	38
09621W	3139N	2520-16121	00000/0000	2-10020/0042	06/25/76	80	7250	58.9	96.9	GGGF			28	38
09622W	3146N	2718-16053	00000/0000	2-10026/0357	01/09/77	70	11	25.7	142.0	GGGG			28	38
09622W	3142N	2538-16114	00000/0000	2-10020/0832	07/13/76	60	7501	57.5	99.2	GGGG			28	38
09622W	3137N	2502-16124	00000/0000	2-10019/0699	06/07/76	70	6999	59.6	98.7	GGGG			28	38
09623W	4439N	2703-16193	00000/0000	2-10025/1560	12/25/76	80	9802	16.1	150.0	GGGG			31	29
09623W	4437N	2433-16230	00000/0000	2-10017/0623	03/30/76	10	6037	41.4	137.8	GGGG			31	29
09623W	4430N	2541-16250	00000/0000	2-10020/0957	07/16/76	10	7543	55.1	121.5	GGGG			31	29
09623W	3143N	2682-16070	00000/0000	2-10025/0914	12/04/76	0	9509	27.8	146.2	GGGG			28	38
09624W	4440N	2721-16185	00000/0000	2-10026/0456	01/12/77	10	53	16.9	147.4	GGGG			31	29
09624W	4431N	2487-16263	00000/0000	2-10018/1341	05/23/76	70	6790	56.3	125.6	GGFG			31	29
09624W	3146N	2610-16094	00000/0000	2-10022/1340	09/23/76	10	8505	45.9	130.4	GGGG			28	38
09625W	4437N	2595-16233	00000/0000	2-10022/0674	09/08/76	70	8296	43.0	137.4	GGGG			31	29
09625W	4429N	2505-16260	00000/0000	2-10019/0969	06/10/76	0	7041	57.7	121.6	GGGG			31	29
09625W	4025N	2468-16223	00000/0000	2-10018/0568	05/04/76	0	6525	54.5	124.4	GGGG			30	32
09625W	3607N	2449-16183	00000/0000	2-10017/1416	04/15/76	90	6260	51.1	124.4	GGFG			29	35
09625W	3606N	2467-16180	00000/0000	2-10018/0514	05/03/76	20	6511	55.8	118.1	GGGG			29	35
09625W	3139N	2412-16151	00000/0000	2-10016/0951	03/09/76	90	5744	40.9	130.6	PPGG			28	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0586

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09625W	3138N	2646-16082	00000/0000	2-10024/0118	10/29/76	100	9007	36.3	142.7	GGFG		28	38
09626W	4434N	2685-16202	00000/0000	2-10025/1030	12/07/76	80	9551	17.6	151.8	GGGG		31	29
09626W	4431N	2415-16283	00000/0000	2-10016/1141	03/12/76	100	5786	34.6	140.5	GGGG		31	29
09626W	4027N	2450-16230	00000/0000	2-10017/1371	04/16/76	10	6274	49.6	129.6	GGGG		30	32
09626W	2604N	2465-16093	00000/0000	2-10018/0452	05/01/76	30	6483	57.2	102.6	GGGG		27	42
09627W	4433N	2613-16230	00000/0000	2-10023/0031	09/26/76	80	8547	37.5	143.2	GGGG		31	29
09627W	4427N	2397-16291	00000/0000	2-10016/0279	02/23/76	0	5535	28.2	143.1	GGGG		31	29
09627W	4016N	2486-16220	00000/0000	2-10019/0020	05/22/76	90	6776	57.7	118.7	FGGG		30	32
09627W	3608N	2575-16150	00000/0000	2-10021/1220	08/19/76	0	8017	51.8	119.5	GGGG		29	35
09627W	3606N	2431-16190	00000/0000	2-10017/0522	03/28/76	90	6009	45.3	129.6	GGGG		29	35
09627W	3600N	2485-16173	00000/0000	2-10018/1336	05/21/76	50	6762	58.6	111.5	GGGG		29	35
09627W	3139N	2664-16074	00000/0000	2-10025/0685	11/16/76	90	9258	31.5	145.5	GGGG		28	38
09627W	3137N	2394-16154	00000/0000	2-10016/0194	02/20/76	100	5493	35.2	135.2	FGGG		28	38
09627W	2605N	2447-16100	00000/0000	2-10017/1314	04/13/76	40	6232	53.7	111.3	GFG		27	42
09628W	4430N	2631-16222	00000/0000	2-10023/0920	10/14/76	0	8798	31.7	147.8	GGGG		31	29
09628W	3138N	2628-16090	00000/0000	2-10023/0697	10/11/76	0	8756	41.3	137.5	GGGG		28	38
09628W	3134N	2376-16161	00000/0000	2-10015/0387	02/02/76	0	5242	30.6	139.5	GGGF		28	38
09628W	2604N	2573-16063	00000/0000	2-10021/1122	08/17/76	100	7989	54.1	104.0	GGGG		27	42
09628W	2556N	2483-16090	00000/0000	2-10018/1299	05/19/76	80	6734	58.8	94.2	GGGG		27	42
09629W	4430N	2667-16210	00000/0000	2-10025/0444	11/19/76	40	9300	21.1	152.2	PGGG		31	29
09629W	4427N	2649-16215	00000/0000	2-10024/0267	11/01/76	10	9049	26.1	150.9	GGGF		31	29
09629W	4024N	2432-16233	00000/0000	2-10017/0595	03/29/76	100	6023	43.4	133.8	G GG		30	32
09629W	4023N	2576-16193	00000/0000	2-10022/0069	08/20/76	0	8031	50.0	125.6	GGGG		30	32
09629W	3605N	2701-16104	00000/0000	2-10025/1512	12/23/76	0	9774	22.5	146.7	GGGG		29	35
09629W	3602N	2557-16154	00000/0000	2-10021/0409	08/01/76	10	7766	54.9	112.0	GGGG		29	35
09629W	2603N	2429-16103	00000/0000	2-10017/0362	03/26/76	30	5981	48.8	119.1	GGFG		27	42
09630W	4023N	2720-16142	00000/0000	2-10026/0430	01/11/77	20	39	19.9	145.6	GGGG		30	32
09630W	4021N	2558-16200	00000/0000	2-10021/0473	08/02/76	20	7780	53.7	119.0	FGFF		30	32
09630W	2557N	2537-16074	00000/0000	2-10020/0791	07/12/76	50	7487	57.0	89.3	FFFF		27	42
09630W	2556N	2519-16081	00000/0000	2-10019/1426	06/24/76	40	7236	58.2	86.9	GFGG		27	42
09630W	2555N	2501-16084	00000/0000	2-10019/0575	06/06/76	20	6985	59.0	88.5	GGGG		27	42
09631W	4420N	2379-16293	00000/0000	2-10015/0508	02/05/76	80	5284	22.7	145.9	FFFF		31	29
09631W	4022N	2702-16151	00000/0000	2-10025/1537	12/24/76	80	9788	19.3	148.4	F GG		30	32
09631W	4019N	2684-16155	00000/0000	2-10025/0990	12/06/76	30	9537	21.1	150.0	FGFG		30	32
09631W	4015N	2504-16214	00000/0000	2-10019/0754	06/09/76	10	7027	58.8	114.2	GFGG		30	32

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 77

LANHSAT-2  
COORDINATE LISTING  
FNR US  
FROM 01/22/76 TO 01/22/77

PAGE 0687

PRINCIPAL POINT SF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09631W	4013N	2540-16204	00000/0000	2-10020/0953	07/15/76	80	7529	56.5	114.2	GGGG		
09631W	3605N	2593-16144	00000/0000	2-10022/0592	09/06/76	10	8268	48.0	127.4	GGGG	30	32
09631W	3600N	2683-16112	00000/0000	2-10025/0957	12/05/76	40	9523	24.5	148.1	GGGG	29	35
09631W	3558N	2539-16161	00000/0000	2-10020/0906	07/14/76	30	7515	57.3	106.8	GGGG	29	35
09632W	3553N	2521-16164	00000/0000	2-10019/1490	06/26/76	30	7264	58.9	104.7	GGGG	29	35
09632W	2601N	2591-16061	00000/0000	2-10022/0539	09/04/76	20	8240	51.9	113.8	GGGG	29	35
09633W	4022N	2594-16190	00000/0000	2-10022/0637	09/07/76	10	8282	45.6	132.6	GGGG	27	42
09633W	4017N	2414-16241	00000/0000	2-10016/1032	03/11/76	100	5772	36.9	137.3	GGGG	30	32
09633W	3601N	2611-16140	00000/0000	2-10022/1391	09/24/76	0	8519	43.4	135.0	GFFF	30	32
09633W	3556N	2665-16121	00000/0000	2-10025/0919	11/17/76	80	9272	28.2	147.9	GGGG	29	35
09633W	2603N	2699-16021	00000/0000	2-10025/1454	12/21/76	90	9746	29.7	142.1	G GG	29	35
09633W	2559N	2681-16030	00000/0000	2-10025/0869	12/03/76	30	9495	32.0	143.2	GGGG	27	42
09634W	4016N	2612-16183	00000/0000	2-10022/1405	09/25/76	100	8533	40.6	139.2	FFFG	27	42
09634W	4011N	2522-16211	00000/0000	2-10020/0095	06/27/76	50	7278	58.3	112.4	GGGG	30	32
09634W	3556N	2395-16201	00000/0000	2-10016/0227	02/21/76	100	5507	32.9	138.0	GGGG	30	32
09634W	3555N	2413-16194	00000/0000	2-10016/0995	03/10/76	0	5758	39.0	134.0	FGGG	29	35
09634W	3555N	2647-16125	00000/0000	2-10024/0148	10/30/76	90	9021	33.0	145.6	GGGG	29	35
09634W	2555N	2609-16054	00000/0000	2-10022/1310	09/22/76	10	8491	48.8	123.6	GGGG	29	35
09635W	2556N	2663-16034	00000/0000	2-10025/0337	11/15/76	50	9244	35.8	142.0	GGGG	27	42
09635W	2555N	2645-16042	00000/0000	2-10024/0058	10/28/76	100	8993	40.3	138.4	GGGG	27	42
09635W	2554N	2411-16111	00000/0000	2-10016/0924	03/08/76	30	5730	43.3	125.6	GGGG	27	42
09635W	2553N	2627-16050	00000/0000	2-10023/0713	10/10/76	10	8742	44.9	132.1	FGFG	27	42
09636W	4734N	2452-16322	00000/0000	2-10017/1537	04/18/76	90	6302	46.4	137.7	FGFF	32	27
09636W	4012N	2396-16244	00000/0000	2-10016/0439	02/22/76	0	5521	30.6	140.6	GGGG	30	32
09636W	4012N	2666-16164	00000/0000	2-10025/0372	11/18/76	0	9286	24.7	150.1	GGGG	30	32
09636W	4009N	2378-16251	00000/0000	2-10015/0466	02/04/76	90	5270	25.4	143.8	FGFF	30	32
09636W	3551N	2377-16204	00000/0000	2-10015/0425	02/03/76	50	5256	28.0	141.7	GGPF	29	35
09636W	2554N	2393-16114	00000/0000	2-10016/0133	02/19/76	90	5479	38.1	131.3	GGGG	27	42
09636W	2553N	2375-16121	00000/0000	2-10015/0459	02/01/76	0	5228	33.9	136.3	GFFG	27	42
09637W	4011N	2630-16180	00000/0000	2-10023/1116	10/13/76	10	8784	35.1	144.6	GGGG	30	32
09637W	4011N	2648-16172	00000/0000	2-10024/0230	10/31/76	0	9035	29.6	148.3	GGGG	30	32
09637W	3553N	2629-16133	00000/0000	2-10023/0759	10/12/76	0	8770	38.3	141.2	GGGG	29	35
09638W	4732N	2578-16285	00000/0000	2-10021/1187	08/22/76	0	8059	46.1	135.0	GGGG	32	27
09638W	4729N	2434-16325	00000/0000	2-10017/0637	03/31/76	10	6051	40.1	140.3	GGGF	32	27
09638W	4726N	2470-16315	00000/0000	2-10018/0608	05/06/76	10	6553	51.7	134.0	GGGG	32	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 23, '77

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0588

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
09639W	4720N	2488-1631P	00000/0000	2-10018/1429	05/24/76	0	6804	55.2	129.9	GGGG	32	27
09640W	4730N	2722-16234	00000/0000	2-10026/0492	01/13/77	30	67	15.0	148.5	GGGG	32	27
09640W	4729N	2596-1628P	00000/0000	2-10027/0722	09/09/76	10	8310	41.0	140.6	GGGG	32	27
09640W	4729N	2704-1624P	00000/0000	2-10025/1579	12/26/76	80	9816	14.0	151.1	GGGG	32	27
09641W	4727N	2560-1629P	00000/0000	2-10021/0591	08/04/76	40	7808	50.5	129.8	GGGG	32	27
09641W	3025N	2448-16143	00000/0000	2-10017/1561	04/14/76	90	6246	52.9	117.0	GGGG	32	27
09641W	3021N	2466-1614N	00000/0000	2-10018/0506	05/02/76	0	6497	56.9	109.3	GGGG	28	39
09643W	4724N	2686-16251	00000/0000	2-10025/1097	12/08/76	90	9565	15.3	153.0	GGGG	28	39
09643W	4722N	2416-16333	00000/0000	2-10016/1107	03/13/76	40	5800	33.2	142.6	GGGG	32	27
09643W	4718N	2506-16310	00000/0000	2-10019/0843	06/11/76	10	7055	56.6	126.3	GGGG	32	27
09643W	4718N	2542-16300	00000/0000	2-10020/1014	07/17/76	10	7557	54.0	126.0	GGGG	32	27
09643W	3017N	2484-16133	00000/0000	2-10018/1273	05/20/76	90	6748	59.1	101.6	GGGG	32	27
09644W	4719N	2398-16340	00000/0000	2-10016/0328	02/24/76	0	5549	26.6	144.8	GGGG	28	39
09644W	4715N	2524-16303	00000/0000	2-10020/0189	06/29/76	20	7306	56.1	124.8	GGGG	32	27
09645W	4722N	2614-16275	00000/0000	2-10023/0090	09/27/76	10	8561	35.2	145.7	GGGG	32	27
09645W	3020N	2430-16150	00000/0000	2-10017/0540	03/27/76	10	5995	47.5	123.7	GGGG	28	39
09645W	3020N	2556-16113	00000/0000	2-10021/0412	07/31/76	20	7752	55.7	102.6	GGGG	28	39
09646W	3022N	2592-16103	00000/0000	2-10022/0573	09/05/76	10	8254	50.5	120.0	GGGG	28	39
09646W	3020N	2718-16055	00000/0000	2-10026/0358	01/09/77	40	11	26.6	141.3	GGGG	28	39
09646W	3016N	2538-16121	00000/0000	2-10020/0833	07/13/76	60	7501	57.5	96.8	GGGG	28	39
09646W	3013N	2520-16124	00000/0000	2-10020/0043	06/25/76	60	7250	58.8	94.3	GGGG	28	39
09648W	4719N	2668-16255	00000/0000	2-10025/0466	11/20/76	90	9314	18.7	153.6	GGGG	32	27
09648W	4717N	2632-16272	00000/0000	2-10023/0959	10/15/76	100	8812	29.3	149.8	GGGG	32	27
09648W	4717N	2650-16264	00000/0000	2-10024/0291	11/02/76	0	9063	23.6	152.5	GGGG	32	27
09648W	3019N	2610-16100	00000/0000	2-10022/1341	09/23/76	10	8505	46.7	128.9	GGGG	28	39
09648W	3017N	2682-16072	00000/0000	2-10025/0883	12/04/76	0	9509	28.8	145.4	GGGG	28	39
09649W	3013N	2646-16085	00000/0000	2-10024/0119	10/29/76	100	9007	37.2	141.7	GGGG	28	39
09649W	2438N	2465-16095	00000/0000	2-10018/0453	05/01/76	40	6483	57.2	100.2	GGGG	27	43
09650W	3013N	2412-16154	00000/0000	2-10016/0952	03/09/76	50	5744	41.6	129.3	GGGG	28	39
09650W	2438N	2447-16103	00000/0000	2-10017/1315	04/13/76	30	6232	53.9	109.2	GGGG	27	43
09650W	2437N	2573-16070	00000/0000	2-10021/1123	08/17/76	90	7989	54.2	101.8	GGGG	27	43
09651W	4317N	2451-16275	00000/0000	2-10017/1461	04/17/76	50	6288	48.5	132.8	GGGG	31	30
09651W	3013N	2664-16081	00000/0000	2-10025/0686	11/16/76	90	9258	32.6	144.7	GGGG	28	39
09651W	2429N	2483-16093	00000/0000	2-10018/1300	05/19/76	80	6734	58.7	91.7	GGGG	27	43
09652W	3009N	2489-16362	00000/0000	2-10019/0079	05/25/76	10	6818	54.0	134.1	GGGG	33	25

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0589

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV MSS	DATE ACQUIRED	CLCUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME R&W NUM.
09652W	4317N	2577-16242	00000/0000	2-10021/1236	08/21/76	10	8045	48.5	129.6	GGGG	31	30
09652W	4315N	2469-16272	00000/0000	2-10018/0595	05/05/76	30	6539	53.5	128.3	GGGG	31	30
09652W	3441N	2449-16190	00000/0000	2-10017/1358	04/15/76	90	6260	51.7	122.5	GGGG	29	36
09652W	3440N	2467-16183	00000/0000	2-10018/0515	05/03/76	10	6511	56.2	115.8	GGGF	29	36
09652W	3012N	2628-16093	00000/0000	2-10023/0726	10/11/76	0	8756	42.1	136.3	GGGG	28	39
09652W	3011N	2394-16161	00000/0000	2-10016/0195	02/20/76	90	5493	36.0	134.2	GGFG	28	39
09652W	2437N	2429-16110	00000/0000	2-10017/0363	03/26/76	40	5981	49.2	117.4	GGFF	27	43
09653W	3008N	2376-16163	00000/0000	2-10015/0388	02/02/76	0	5242	31.5	138.6	FGGG	28	39
09653W	2431N	2519-16083	00000/0000	2-10019/1427	06/24/76	50	7236	57.8	84.5	GGGG	27	43
09653W	2430N	2537-16080	00000/0000	2-10020/0792	07/12/76	60	7487	56.7	87.0	FFFF	27	43
09653W	2429N	2501-16090	00000/0000	2-10019/0576	06/06/76	10	6985	58.6	86.1	GGGG	27	43
09654W	5010N	2543-16345	00000/0000	2-10020/1111	07/18/76	10	7571	52.6	130.5	GGFP	33	25
09654W	3442N	2575-16153	00000/0000	2-10021/1221	08/19/76	0	8017	52.2	117.5	GGGG	29	36
09654W	3440N	2431-16193	00000/0000	2-10017/0523	03/28/76	90	6009	46.0	128.1	GGGG	29	36
09654W	3434N	2485-16140	00000/0000	2-10018/1337	05/21/76	60	6762	58.8	109.0	GGGG	29	36
09654W	2435N	2591-16063	00000/0000	2-10022/0540	09/04/76	10	8240	52.2	111.8	GGGG	27	43
09655W	4314N	2703-16200	00000/0000	2-10025/1561	12/25/76	20	9802	17.2	149.4	GGGG	31	30
09655W	3901N	2450-16232	00000/0000	2-10017/1372	04/16/76	10	6274	50.2	127.8	GGGG	30	33
09655W	3859N	2468-16225	00000/0000	2-10018/0569	05/04/76	0	6525	55.0	122.3	FGGG	30	33
09656W	5008N	2525-16362	00000/0000	2-10020/0278	06/30/76	10	7320	54.9	129.5	GGGG	31	30
09656W	4314N	2721-16191	00000/0000	2-10026/0457	01/12/77	40	53	18.0	146.7	GGGF	31	30
09656W	4312N	2433-16282	00000/0000	2-10017/0624	03/30/76	10	6037	42.2	136.4	GGGG	31	30
09656W	4306N	2487-16265	00000/0000	2-10018/1342	05/23/76	90	6790	56.8	123.3	FGGF	31	30
09656W	4306N	2541-16253	00000/0000	2-10020/0968	07/16/76	10	7543	55.6	119.1	GGGG	31	30
09656W	3851N	2486-16223	00000/0000	2-10019/0021	05/22/76	80	6776	58.1	116.3	GGGG	30	33
09656W	3439N	2701-16110	00000/0000	2-10025/1513	12/23/76	0	9774	23.6	146.0	GGGG	29	36
09656W	3439N	2719-16102	00000/0000	2-10026/0385	01/10/77	0	25	23.8	143.2	GGGG	29	36
09656W	3436N	2557-16160	00000/0000	2-10021/0410	08/01/76	10	7766	55.1	109.8	GGGG	29	36
09656W	3431N	2539-16163	00000/0000	2-10020/0907	07/14/76	80	7515	57.4	104.3	GGGG	29	36
09656W	2436N	2699-16023	00000/0000	2-10025/1455	12/21/76	90	9746	30.7	141.4	GGGG	27	43
09656W	2433N	2681-16032	00000/0000	2-10025/0870	12/03/76	70	9495	33.0	142.4	GGGG	27	43
09656W	2429N	2609-16060	00000/0000	2-10022/1311	09/22/76	30	8491	49.4	121.9	GGF	27	43
09657W	5007N	2633-16321	00000/0000	2-10023/0994	10/16/76	80	8826	26.8	151.9	GGG	33	25
09657W	4312N	2595-16240	00000/0000	2-10022/0675	09/08/76	90	8296	43.8	136.0	GGGG	31	30
09657W	4309N	2685-16204	00000/0000	2-10025/1031	12/07/76	90	9551	18.7	151.2	GGGG	31	30

KEYS: CLCUD COVER % ..... 0 TO 100 = % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

 LANDSAT-2  
 COORDINATE LISTING

PAGE 0590

 FOR US  
 FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT								123 45678				
09657W	4304N	2505-16263	00000/0000	2-10019/0970	06/10/76	10	7041	58.1	119.1			
09657W	3438N	2593-16150	00000/0000	2-10022/0593	09/06/76	10	8268	48.6	125.8	GGGG	31	30
09658W	5008N	2669-16305	00000/0000	2-10025/0481	11/21/76	100	9328	16.2	154.9	GGGG	29	36
09658W	4306N	2415-16290	00000/0000	2-10016/1142	03/12/76	100	5786	35.5	139.4	GGGG	33	25
09658W	3858N	2432-16240	00000/0000	2-10017/0610	03/29/76	90	6023	44.2	132.4	GGGG	31	30
09658W	3434N	2683-16115	00000/0000	2-10025/0958	12/05/76	90	9523	25.5	147.5	GGGG	30	33
09658W	2429N	2645-16045	00000/0000	2-10024/0059	10/28/76	90	8993	41.2	137.3	GGGG	29	36
09659W	4308N	2613-16232	00000/0000	2-10023/0032	09/26/76	90	8547	38.4	142.0	GGGG	27	43
09659W	3856N	2558-16203	00000/0000	2-10021/0474	08/02/76	40	7780	54.1	116.8	GGGG	31	30
09659W	3849N	2504-16220	00000/0000	2-10019/0755	06/09/76	10	7027	59.1	111.6	GGGG	30	33
09659W	3435N	2611-16143	00000/0000	2-10022/1392	09/24/76	0	8519	44.2	133.7	GGGG	30	33
09659W	3428N	2521-16171	00000/0000	2-10019/1491	06/26/76	30	7264	58.9	102.1	GGGG	29	36
09659W	2429N	2663-16041	00000/0000	2-10025/0338	11/15/76	70	9244	36.8	141.1	GGGG	29	36
09700W	4302N	2397-16293	00000/0000	2-10016/0280	02/23/76	0	5535	29.1	142.2	GGGG	27	43
09700W	3857N	2720-16145	00000/0000	2-10026/0431	01/11/77	10	39	20.9	145.0	GGGG	31	30
09700W	3856N	2702-16153	00000/0000	2-10025/1538	12/24/76	20	9788	20.4	147.8	GGGG	30	33
09700W	3854N	2684-16162	00000/0000	2-10025/0991	12/06/76	50	9537	22.1	149.4	GGGG	30	33
09700W	3848N	2540-16210	00000/0000	2-10020/0954	07/15/76	40	7529	56.7	111.8	GGGG	30	33
09700W	3430N	2665-16123	00000/0000	2-10025/0925	11/17/76	90	9272	29.2	147.2	GGGG	29	36
09700W	3429N	2647-16132	00000/0000	2-10024/0149	10/30/76	90	9021	34.0	144.7	GGGG	29	36
09701W	4955N	2381-16392	00000/0000	2-10015/0612	02/07/76	40	5312	19.3	148.6	GGGG	33	25
09701W	4305N	2631-16225	00000/0000	2-10023/0921	10/14/76	0	8798	32.7	146.9	GGGG	31	30
09701W	4305N	2667-16213	00000/0000	2-10025/0445	11/19/76	70	9300	22.2	151.5	GGGG	31	30
09701W	4301N	2649-16221	00000/0000	2-10024/0268	11/01/76	30	9049	27.1	150.1	GGGG	31	30
09701W	3429N	2413-16201	00000/0000	2-10016/0996	03/10/76	30	5758	39.8	132.8	GGGG	29	36
09702W	3856N	2594-16193	00000/0000	2-10022/0638	09/07/76	10	8282	46.4	131.1	GGGG	30	33
09702W	3852N	2414-16243	00000/0000	2-10016/1033	03/11/76	90	5772	37.7	136.2	GGGG	30	33
09702W	3426N	2377-16210	00000/0000	2-10015/0426	02/03/76	30	5256	29.0	140.9	GGGG	29	36
09703W	4255N	2379-16300	00000/0000	2-10015/0509	02/05/76	100	5284	23.7	145.1	GGGG	31	30
09703W	3850N	2612-16190	00000/0000	2-10022/1406	09/25/76	90	8533	41.4	138.0	GGGG	30	33
09703W	3844N	2522-16213	00000/0000	2-10020/0096	06/27/76	40	7278	58.5	109.8	GGGG	30	33
09703W	3427N	2629-16140	00000/0000	2-10023/0760	10/12/76	0	8770	39.2	140.1	GGGG	29	36
09705W	4946N	2507-16360	00000/0000	2-10019/0865	06/12/76	80	7069	55.6	130.3	GGGG	33	25
09705W	3847N	2396-16250	00000/0000	2-10016/0440	02/22/76	0	5521	31.5	139.7	GGGG	30	33
09705W	3847N	2666-16170	00000/0000	2-10025/0373	11/18/76	0	9286	25.8	149.4	GGGG	30	33

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0591

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
09705N	3843N	2378-16253	00000/0000	2-10015/0467	02/04/76	100	5270	26.4	143.1	GFFF		30	33
09705N	2859N	2448-16145	00000/0000	2-10017/1562	04/14/76	80	6246	53.2	115.0	GGGG		28	40
09705N	2855N	2466-16142	00000/0000	2-10018/0507	05/02/76	0	6497	57.1	106.9	GFFG		28	40
09706N	3845N	2630-16142	00000/0000	2-10023/1117	10/13/76	0	8784	36.1	143.6	GGGG		30	33
09706N	3845N	2648-16174	00000/0000	2-10024/0231	10/31/76	0	9035	30.6	147.5	GGGG		30	33
09707N	2851N	2484-16140	00000/0000	2-10018/1274	05/20/76	90	6748	59.1	99.0	GGGG		28	40
09708N	2855N	2574-16113	00000/0000	2-10021/1168	08/18/76	30	8003	53.7	108.7	FGGG		28	40
09709N	2854N	2556-16120	00000/0000	2-10021/0413	07/31/76	30	7752	55.7	100.3	GGGG		28	40
09709N	2853N	2430-16153	00000/0000	2-10017/0541	03/27/76	10	5995	48.1	122.0	GGGG		28	40
09710N	2850N	2538-16122	00000/0000	2-10020/0834	07/13/76	70	7501	57.3	94.3	GGGF		28	40
09710N	2848N	2520-16130	00000/0000	2-10020/0044	06/25/76	50	7250	58.6	91.8	GGGG		28	40
09711N	2856N	2592-16110	00000/0000	2-10022/0574	09/05/76	10	8254	50.9	118.2	GGGG		28	40
09711N	2854N	2718-16062	00000/0000	2-10026/0359	01/09/77	60	11	27.6	140.6	GG G		28	40
09712N	4609N	2452-16324	00000/0000	2-10017/1538	04/18/76	90	6302	47.2	136.0	FGFF		32	28
09712N	2852N	2610-16103	00000/0000	2-10022/1342	09/23/76	10	8505	47.3	127.4	GGGG		28	40
09712N	2851N	2682-16075	00000/0000	2-10025/0884	12/04/76	20	9509	29.9	144.7	GG G		28	40
09713N	4605N	2578-16292	00000/0000	2-10021/1188	08/22/76	10	8059	46.9	133.3	GGGG		32	28
09713N	4604N	2434-16332	00000/0000	2-10017/0638	03/31/76	0	6051	40.9	139.0	GGGG		32	28
09713N	4601N	2470-16321	00000/0000	2-10018/0609	05/06/76	10	6553	52.5	132.0	FGGG		32	28
09714N	2847N	2646-16091	00000/0000	2-10024/0120	10/21/76	100	3007	38.2	140.7	GGGG		28	40
09714N	2846N	2412-16160	00000/0000	2-10016/0953	03/09/76	10	5744	42.3	128.0	GGGG		28	40
09715N	4605N	2722-16241	00000/0000	2-10026/0493	01/13/77	80	67	16.0	147.8	GGGG		32	28
09715N	4604N	2596-16245	00000/0000	2-10022/0723	09/09/76	10	8310	41.8	139.2	GGGG		32	28
09715N	4604N	2704-16245	00000/0000	2-10025/1580	12/26/76	50	9816	15.0	150.5	GGGF		32	28
09715N	4556N	2488-16315	00000/0000	2-10018/1430	05/24/76	10	6804	55.8	127.6	GGGG		32	28
09715N	2817N	2664-16083	00000/0000	2-10025/0687	11/16/76	90	9258	33.6	143.9	GGGG		28	40
09716N	4601N	2560-16295	00000/0000	2-10021/0592	08/04/76	10	7808	51.2	127.8	FGGG		32	28
09716N	2846N	2394-16163	00000/0000	2-10016/0196	02/20/76	90	5493	36.8	133.2	GGFG		28	40
09717N	4553N	2542-16302	00000/0000	2-10020/1015	07/17/76	0	7557	54.5	123.8	GGGG		32	28
09717N	3315N	2449-16192	00000/0000	2-10017/1359	04/15/76	80	6260	52.2	120.6	GGGG		29	37
09717N	2846N	2628-16095	00000/0000	2-10023/0727	10/11/76	10	8756	43.0	135.1	GGGG		28	40
09717N	2841N	2376-16170	00000/0000	2-10015/0407	02/02/76	0	5242	32.4	137.8	GGFF		28	40
09718N	4559N	2686-16253	00000/0000	2-10025/1098	12/08/76	90	9565	16.4	152.4	GGGG		32	28
09718N	4557N	2416-16335	00000/0000	2-10016/1108	03/13/76	30	5800	34.1	141.5	GGGG		32	28
09718N	4553N	2506-16312	00000/0000	2-10019/0844	06/11/76	20	7055	57.2	123.9	FGGG		32	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0592

FOR IIS  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION IN ROLL	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09718W	3313N	2467-16185	00000/0000	2-10018/0516	05/03/76	0	6511	56.5	113.5	GGGF		29	37
09719W	4555N	2398-16342	00000/0000	2-10016/0329	02/24/76	10	5549	27.5	143.9	GGGG		32	28
09719W	4551N	2524-16305	00000/0000	2-10020/0190	06/29/76	10	7306	56.6	122.4	GGGG		32	28
09720W	4557N	2614-16282	00000/0000	2-10023/0091	09/27/76	10	8561	36.2	144.6	GGGG		32	28
09720W	3315N	2575-16155	00000/0000	2-10021/1222	08/19/76	10	8017	52.6	115.5	GGGG		29	37
09720W	3314N	2431-16195	00000/0000	2-10017/0542	03/28/76	20	6009	46.6	126.6	FGFG		29	37
09720W	3308N	2485-16182	00000/0000	2-10018/1421	05/21/76	40	6762	59.0	106.4	G		29	37
09722W	3313N	2701-16113	00000/0000	2-10025/1514	12/23/76	0	9774	24.6	145.4	GGGG		29	37
09722W	3310N	2557-16163	00000/0000	2-10021/0411	08/01/76	0	7766	55.3	107.5	GGGG		29	37
09722W	3306N	2539-16170	00000/0000	2-10020/0908	07/14/76	80	7515	57.4	101.8	GGGG		29	37
09723W	4554N	2668-16262	00000/0000	2-10025/0467	11/20/76	50	9314	19.8	152.9	GGGG		32	28
09723W	4552N	2632-16274	00000/0000	2-10023/0960	10/15/76	90	8812	30.4	148.9	GGGG		32	28
09723W	4552N	2650-16270	00000/0000	2-10024/0292	11/02/76	10	9063	24.7	151.8	GGGG		32	28
09723W	4151N	2451-16282	00000/0000	2-10017/1462	04/17/76	80	6288	49.2	131.1	FGGG		31	31
09723W	4151N	2577-16245	00000/0000	2-10021/1237	08/21/76	10	8045	49.2	127.8	GGGG		31	31
09723W	4149N	2469-16275	00000/0000	2-10018/0596	05/05/76	50	6539	54.1	126.2	GGGG		31	31
09723W	3733N	2468-16232	00000/0000	2-10018/0570	05/04/76	10	6525	55.5	120.1	GGFG		30	34
09723W	3313N	2719-16105	00000/0000	2-10026/0386	01/10/77	0	25	24.8	142.5	GGGG		29	37
09723W	3312N	2593-16159	00000/0000	2-10022/0594	09/06/76	10	8268	49.2	124.1	GGGG		29	37
09723W	3309N	2683-16121	00000/0000	2-10025/0959	12/05/76	90	9523	26.6	146.8	GGGG		29	37
09723W	3303N	2503-16130	00000/0000	2-10019/0700	06/08/76	10	7013	59.6	101.1	FGGG		29	37
09724W	4900N	2453-16373	00000/0000	2-10017/1382	04/19/76	20	6316	45.9	139.2	GGGG		33	26
09724W	3735N	2450-16235	00000/0000	2-10017/1373	04/16/76	10	6274	50.8	126.0	GGGG		30	34
09724W	3303N	2521-16173	00000/0000	2-10019/1492	06/26/76	20	7264	58.9	99.5	GGGG		29	37
09725W	4858N	2579-16341	00000/0000	2-10021/1284	08/23/76	10	8073	45.0	137.0	GGGG		33	26
09725W	3732N	2432-16242	00000/0000	2-10017/0611	03/29/76	90	6023	44.9	130.9	FFFF		30	34
09725W	3726N	2486-16225	00000/0000	2-10019/0022	05/22/76	70	6776	58.4	113.7	GGGG		30	34
09725W	3309N	2611-16145	00000/0000	2-10022/1393	09/24/76	10	8519	45.0	132.2	GGGG		29	37
09726W	4541N	2380-16345	00000/0000	2-10015/0570	02/06/76	10	5298	22.0	146.5	GGGG		32	28
09726W	4149N	2703-16202	00000/0000	2-10025/1562	12/25/76	10	9802	18.3	148.8	GGGG		31	31
09726W	3732N	2576-16202	00000/0000	2-10022/0070	08/20/76	10	8031	51.1	121.8	GGGG		30	34
09726W	3305N	2395-16210	00000/0000	2-10014/0228	02/21/76	70	5507	34.6	136.0	GGGG		29	37
09726W	3304N	2665-16130	00000/0000	2-10025/0926	11/17/76	100	9272	30.3	146.4	GGGG		29	37
09726W	3303N	2413-16203	00000/0000	2-10016/0997	03/10/76	60	5758	40.5	131.5	GGGF		29	37
09726W	3303N	2647-16134	00000/0000	2-10024/0150	10/30/76	40	9021	35.0	143.8	FGGG		29	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0593

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09727	4853N	2471-16371	00000/0000	2-10018/0759	05/07/76	0	6567	51.2	135.8	FGGG			33	26	
09727	4149N	2721-16134	00000/0000	2-10026/0458	01/12/77	20	53	19.0	146.1	GGGG			31	31	
09727	4146N	2433-16285	00000/0000	2-10017/0625	03/30/76	10	6037	43.0	135.0	GGGG			31	31	
09727	4141N	2487-16272	00000/0000	2-10018/1343	05/23/76	90	6790	57.3	120.9	GGGG			31	31	
09727	4140N	2541-16255	00000/0000	2-10020/0969	07/16/76	0	7543	56.0	116.8	GGGG			31	31	
09727	3730N	2558-16205	00000/0000	2-10021/0475	08/02/76	60	7780	54.4	114.7	GGGG			30	34	
09727	3728N	2684-16164	00000/0000	2-10025/0992	12/06/76	90	9537	23.2	148.8	GGGG			30	34	
09727	3724N	2504-16223	00000/0000	2-10019/0756	06/09/76	10	7027	59.3	109.0	GGGG			30	34	
09728	4144N	2685-16211	00000/0000	2-10025/1032	12/07/76	90	9551	19.8	150.6	GGGG			31	31	
09728	4139N	2505-16265	00000/0000	2-10019/0971	06/10/76	10	7041	58.5	116.6	GGGG			31	31	
09728	3731N	2702-16160	00000/0000	2-10025/1539	12/24/76	10	9788	21.5	147.1	GGFG			30	34	
09728	3731N	2720-16151	00000/0000	2-10026/0432	01/11/77	10	39	21.9	144.3	GGG			30	34	
09728	3722N	2540-16213	00000/0000	2-10020/0955	07/15/76	50	7529	57.0	109.4	GGGG			30	34	
09728	3300N	2377-16213	00000/0000	2-10015/0427	02/03/76	30	5256	29.9	140.1	GGPF			29	37	
09729	4852N	2435-16381	00000/0000	2-10017/0868	04/01/76	0	6065	39.6	141.5	GGGG			33	26	
09729	4146N	2595-16242	00000/0000	2-10022/0676	09/08/76	90	8296	44.6	134.5	GPGG			31	31	
09729	4140N	2415-16292	00000/0000	2-10016/1143	03/12/76	100	5786	36.4	138.2	GGGG			31	31	
09729	3302N	2629-16142	00000/0000	2-10023/0828	10/12/76	10	8770	40.1	139.0	GGG			29	37	
09729	2733N	2448-16152	00000/0000	2-10017/1563	04/14/76	50	6246	53.6	113.0	GGGF			28	41	
09730	4852N	2597-16334	00000/0000	2-10022/0753	09/10/76	0	8324	39.8	142.2	GGGG			33	26	
09730	4849N	2561-16344	00000/0000	2-10021/0573	08/05/76	10	7822	49.7	131.9	GGGG			33	26	
09730	4845N	2459-16364	00000/0000	2-10019/0080	05/25/76	10	6818	54.7	131.9	GGGG			33	26	
09730	4142N	2613-16235	00000/0000	2-10023/0033	09/26/76	90	8547	39.3	140.8	GGGG			31	31	
09730	4137N	2397-16300	00000/0000	2-10016/0281	02/23/76	0	5535	30.0	141.3	GGGG			31	31	
09730	3730N	2594-16195	00000/0000	2-10022/0639	09/07/76	0	8282	47.1	129.5	GGGG			30	34	
09730	2725N	2484-16142	00000/0000	2-10018/1275	05/20/76	90	6748	59.0	96.4	GGGG			28	41	
09731	3726N	2414-16250	00000/0000	2-10016/1034	03/11/76	90	5772	38.5	135.0	GGGF			30	34	
09731	3725N	2612-16192	00000/0000	2-10022/1407	09/25/76	90	8533	42.3	136.7	GGFG			30	34	
09731	3718N	2522-16220	00000/0000	2-10020/0097	06/27/76	10	7278	58.7	107.2	GGGG			30	34	
09731	2728N	2574-16115	00000/0000	2-10021/1169	08/18/76	70	8003	53.9	106.6	GGGG			28	41	
09732	4848N	2417-16384	00000/0000	2-10016/1122	03/14/76	0	5814	32.7	143.6	GGGG			33	26	
09732	4845N	2543-16351	00000/0000	2-10020/1112	07/18/76	30	7571	53.2	128.4	GFFF			33	26	
09732	4140N	2631-16231	00000/0000	2-10023/0922	10/14/76	10	8798	33.7	145.9	GGGG			31	31	
09732	4139N	2667-16215	00000/0000	2-10025/0446	11/19/76	90	9300	23.3	150.9	GGGG			31	31	
09732	4136N	2649-16224	00000/0000	2-10024/0269	11/01/76	20	9049	28.2	149.3	GGGG			31	31	

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR ISS  
FROM 01/22/76 TO 01/22/77

PAGE 0594

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09733N	4851N	2687-16303	00000/0000	2-10025/1132	12/09/76	90	9579	14.0	153.6	GGGG		33	26
09733N	3721N	2396-16253	00000/0000	2-10016/0441	02/22/76	0	5521	32.4	138.7	GGGF		30	34
09733N	3721N	2666-16173	00000/0000	2-10025/0374	11/18/76	0	9286	26.9	148.7	GGGG		30	34
09733N	2728N	2556-16122	00000/0000	2-10021/0414	07/31/76	20	7752	55.7	98.0	GGGG		28	41
09733N	2727N	2430-16155	00000/0000	2-10017/0708	03/27/76	30	5995	48.6	120.4	GGG		28	41
09734N	4847N	2615-16331	00000/0000	2-10023/0071	09/28/76	20	8575	33.9	147.1	GGGG		33	26
09734N	4842N	2525-16355	00000/0000	2-10020/0279	06/30/76	10	7320	55.5	127.2	GGGG		33	26
09734N	3720N	2648-16181	00000/0000	2-10024/0232	10/31/76	0	9035	31.7	146.7	FFGG		30	34
09734N	3719N	2630-16185	00000/0000	2-10023/1118	10/13/76	0	8784	37.0	142.6	GGGG		30	34
09734N	3718N	2378-16260	00000/0000	2-10015/0468	02/04/76	100	5270	27.3	142.3	GGFF		30	34
09734N	2729N	2592-16112	00000/0000	2-10022/0575	09/05/76	10	8254	51.4	116.3	GGGG		28	41
09734N	2725N	2538-16130	00000/0000	2-10020/0835	07/13/76	60	7501	57.2	92.0	GGGG		28	41
09734N	2720N	2520-16133	00000/0000	2-10020/0045	06/25/76	50	7250	58.4	89.3	GGGG		28	41
09735N	4842N	2633-16323	00000/0000	2-10023/0995	10/16/76	70	8826	27.9	151.0	GGG		33	26
09735N	4130N	2379-16302	00000/0000	2-10015/0510	02/05/76	100	5284	24.7	144.4	FFFF		31	31
09735N	2728N	2718-16064	00000/0000	2-10026/0360	01/09/77	80	11	28.5	139.9	FGGG		28	41
09735N	2726N	2610-16105	00000/0000	2-10022/1343	09/23/76	10	8505	48.0	125.8	GGGG		28	41
09736N	4844N	2669-16311	00000/0000	2-10025/0482	11/21/76	100	9328	17.3	154.2	GGGG		33	26
09736N	2724N	2682-16081	00000/0000	2-10025/0885	12/04/76	80	9509	30.9	144.0	GGGG		28	41
09737N	2721N	2646-16094	00000/0000	2-10024/0121	10/29/76	100	9007	39.1	139.7	GGGG		28	41
09738N	2720N	2412-16163	00000/0000	2-10016/0954	03/09/76	10	5744	43.0	126.7	FGGF		28	41
09739N	4830N	2381-16395	00000/0000	2-10015/0613	02/07/76	30	5312	20.3	147.8	GGFF		33	26
09739N	2721N	2664-16090	00000/0000	2-10025/0688	11/16/76	90	9258	34.6	143.1	GGGG		28	41
09740N	2720N	2394-16170	00000/0000	2-10016/0197	02/20/76	70	5493	37.6	132.1	GGGG		28	41
09740N	2719N	2628-16102	00000/0000	2-10023/0728	10/11/76	10	8756	43.8	133.8	GGGG		28	41
09740N	2716N	2376-16172	00000/0000	2-10015/0408	02/02/76	0	5242	33.3	136.9	GGGG		28	41
09742N	4821N	2507-16362	00000/0000	2-10019/0866	06/12/76	40	7069	56.2	128.0	GGGG		33	26
09742N	3149N	2449-16195	00000/0000	2-10017/1360	04/15/76	90	6260	52.7	118.6	GGGG		29	38
09743N	3147N	2467-16192	00000/0000	2-10018/0517	05/03/76	0	6511	56.8	111.2	GGGG		29	38
09745N	4443N	2452-16331	00000/0000	2-10017/1539	04/18/76	90	6302	48.0	134.3	GGGG		32	29
09745N	3149N	2575-16162	00000/0000	2-10021/1223	08/19/76	10	8017	53.0	113.4	GGGG		29	38
09745N	3148N	2431-16202	00000/0000	2-10017/0543	03/28/76	80	6009	47.2	125.0	GG G		29	38
09745N	3142N	2485-16185	00000/0000	2-10018/1422	05/21/76	30	6762	59.1	103.8	GGGG		29	38
09746N	4441N	2578-16294	00000/0000	2-10021/1189	08/22/76	10	8059	47.6	131.7	GGGG		32	29
09746N	3141N	2539-16172	00000/0000	2-10020/0909	07/14/76	90	7515	57.4	99.4	GGGG		29	38

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0595

PRINCIPAL PRINT OF IMAGE LONG	OF IMAGE LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09747	4439N	2434-16334	00000/0000	2-10017/0639	03/31/76	10	6051	41.8	137.6	FGGG			32	29
09747	4435N	2470-16324	00000/0000	2-10018/0610	05/06/76	0	6553	53.1	130.0	GGGG			32	29
09747	3145N	2557-16165	00000/0000	2-10021/0439	08/01/76	10	7766	55.5	105.2	GGGG			29	38
09747	3137N	2503-16152	00000/0000	2-10019/0701	06/08/76	20	7013	59.6	98.4	GGGG			29	38
09748	4431N	2488-16321	00000/0000	2-10018/1431	05/24/76	10	6804	56.4	125.3	GGGG			32	29
09748	3147N	2593-16155	00000/0000	2-10022/0595	09/06/76	10	8268	49.7	122.3	GGGG			29	38
09748	3147N	2701-16115	00000/0000	2-10025/1515	12/23/76	0	9774	25.6	144.7	GGGG			29	38
09748	3147N	2719-16111	00000/0000	2-10026/0387	01/10/77	0	25	25.7	141.8	GGGG			29	38
09748	3143N	2683-16124	00000/0000	2-10025/0960	12/05/76	90	9523	27.6	146.1	GGGG			29	38
09749	4440N	2722-16243	00000/0000	2-10026/0494	01/13/77	80	67	17.0	147.2	FGGG			32	29
09749	4438N	2596-16291	00000/0000	2-10022/0724	09/09/76	10	8310	42.7	137.8	FGGG			32	29
09749	4438N	2704-16251	00000/0000	2-10025/1581	12/26/76	40	9816	16.1	149.9	GGGG			32	29
09749	4436N	2560-16301	00000/0000	2-10021/0593	08/04/76	10	7808	51.8	125.9	FGGG			32	29
09749	3138N	2521-16140	00000/0000	2-10019/1470	06/26/76	40	7264	58.9	96.9	GGGG			29	38
09750	3607N	2468-16234	00000/0000	2-10018/0571	05/04/76	10	6525	56.0	117.8	GGGG			30	35
09751	4434N	2686-16260	00000/0000	2-10025/1099	12/08/76	80	9565	17.5	151.8	FGGG			32	29
09751	4429N	2542-16305	00000/0000	2-10020/1016	07/17/76	10	7557	55.0	121.6	GGGG			32	29
09751	4428N	2506-16315	00000/0000	2-10019/0845	06/11/76	10	7055	57.7	121.5	FGGG			32	29
09751	3609N	2450-16241	00000/0000	2-10017/1374	04/16/76	10	6274	51.4	124.1	GGGG			30	35
09751	3143N	2611-16152	00000/0000	2-10022/1394	09/24/76	10	8519	45.7	130.8	FGGG			29	38
09751	3139N	2665-16132	00000/0000	2-10025/0927	11/17/76	100	9272	31.3	145.6	GGGG			29	38
09752	4432N	2416-16342	00000/0000	2-10016/1109	03/13/76	40	5800	35.0	140.4	GGGG			32	29
09752	4427N	2524-16312	00000/0000	2-10020/0191	06/29/76	20	7306	57.1	119.9	GGGG			32	29
09752	3600N	2486-16232	00000/0000	2-10019/0023	05/22/76	30	6776	58.7	111.2	FGGG			30	35
09752	3139N	2395-16213	00000/0000	2-10016/0229	02/21/76	10	5507	35.5	135.0	GGGG			29	38
09752	3139N	2647-16141	00000/0000	2-10024/0151	10/30/76	0	9021	36.0	142.9	GGGG			29	38
09752	3137N	2413-16210	00000/0000	2-10016/0998	03/10/76	80	5758	41.3	130.3	GGGG			29	38
09752	2607N	2448-16154	00000/0000	2-10017/1564	04/14/76	70	6246	53.9	110.9	GGGG			28	42
09753	4432N	2614-16284	00000/0000	2-10023/0092	09/27/76	20	8561	37.2	143.4	GGGG			32	29
09753	4430N	2398-16345	00000/0000	2-10016/0330	02/24/76	0	5549	28.5	143.0	GGGG			32	29
09753	4025N	2451-16284	00000/0000	2-10017/1463	04/17/76	60	6288	49.9	129.3	FGGG			31	32
09753	4025N	2577-16251	00000/0000	2-10021/1238	08/21/76	0	8045	49.8	126.0	GGGG			31	32
09753	4024N	2469-16281	00000/0000	2-10018/0597	05/05/76	70	6539	54.7	124.1	GGGG			31	32
09753	3607N	2432-16245	00000/0000	2-10017/0512	03/29/76	50	6023	45.6	129.4	GGGG			30	35
09753	3606N	2576-16205	00000/0000	2-10022/0071	08/20/76	10	8031	51.6	119.9	GGGG			30	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0596

FBR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL PRINT OF IMAGE	SERVIATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT	RBV						123 45678				
09753W	3134N	2377-16215	00000/0000	2-10015/0428	02/03/76	50	5256	30.8	139.3	GGFG	29	38
09753W	2559N	2484-16145	00000/0000	2-10018/1276	05/20/76	90	6748	58.9	93.9	GGGF	28	42
09754W	3604N	2558-16212	00000/0000	2-10021/0476	08/02/76	80	7780	54.7	112.4	GGGG	30	35
09754W	3136N	2629-16145	00000/0000	2-10023/0829	10/12/76	10	8770	41.0	137.8	GGGG	29	38
09754W	2601N	2574-16122	00000/0000	2-10021/1170	08/18/76	70	8003	54.0	104.5	FGGG	28	42
09755W	3605N	2702-16162	00000/0000	2-10025/1540	12/24/76	10	9788	22.5	146.5	GGGG	30	35
09755W	3605N	2720-16154	00000/0000	2-10026/0433	01/11/77	10	39	22.9	143.7	GGGG	30	35
09755W	3602N	2684-16171	00000/0000	2-10025/0993	12/06/76	70	9537	24.3	148.1	FGGG	30	35
09755W	3558N	2504-16225	00000/0000	2-10019/0757	06/09/76	10	7027	59.5	106.3	GGGG	30	35
09755W	3556N	2540-16215	00000/0000	2-10020/0956	07/15/76	70	7529	57.1	106.9	GGGG	30	35
09755W	2602N	2556-16125	00000/0000	2-10021/0415	07/31/76	10	7752	55.6	95.8	GGGG	28	42
09756W	4427N	2650-16273	00000/0000	2-10024/0293	11/02/76	10	9063	25.8	151.0	GGGG	32	29
09756W	4021N	2433-16291	00000/0000	2-10017/0626	03/30/76	10	6037	43.8	133.6	GGFG	31	32
09756W	4015N	2487-16274	00000/0000	2-10018/1344	05/23/76	90	6790	57.8	118.4	FGFG	31	32
09757W	4429N	2668-16264	00000/0000	2-10025/0468	11/20/76	10	9314	20.9	152.2	GGGF	32	29
09757W	4427N	2632-16281	00000/0000	2-10023/0961	10/15/76	30	8812	31.4	148.0	GGGG	32	29
09757W	4023N	2703-16205	00000/0000	2-10025/1563	12/25/76	0	9802	19.3	148.2	GF GG	31	32
09757W	4023N	2721-16200	00000/0000	2-10026/0459	01/12/77	10	53	20.0	145.5	GGGG	31	32
09757W	4015N	2541-16262	00000/0000	2-10020/0970	07/16/76	0	7543	56.3	114.4	GGGG	31	32
09757W	3604N	2594-16202	00000/0000	2-10022/0640	09/07/76	0	8282	47.7	127.9	FGGG	30	35
09757W	2603N	2592-16115	00000/0000	2-10022/0576	09/05/76	10	8254	51.7	114.4	GGGG	28	42
09757W	2600N	2430-16162	00000/0000	2-10017/0709	03/27/76	80	5995	49.1	118.7	GGGG	28	42
09757W	2558N	2538-16132	00000/0000	2-10020/0836	07/13/76	90	7501	56.9	89.6	GGGG	28	42
09757W	2554N	2520-16135	00000/0000	2-10020/0046	06/25/76	40	7250	58.1	86.9	GGGG	28	42
09758W	4019N	2685-16213	00000/0000	2-10025/1033	12/07/76	60	9551	20.9	150.0	FGGG	31	32
09758W	4013N	2505-16272	00000/0000	2-10019/0972	06/10/76	10	7041	58.8	114.0	GGGG	31	32
09758W	3600N	2414-16252	00000/0000	2-10016/1035	03/11/76	80	5772	39.3	133.8	FGGF	30	35
09758W	3559N	2612-16195	00000/0000	2-10022/1408	09/25/76	90	8533	43.1	135.4	GGGG	30	35
09758W	3554N	2522-16222	00000/0000	2-10020/0098	06/27/76	10	7278	58.8	104.6	GGGG	30	35
09758W	2601N	2718-16071	00000/0000	2-10026/0361	01/09/77	90	11	29.5	139.1	GGGG	28	42
09758W	2600N	2610-16112	00000/0000	2-10022/1344	09/23/76	10	8505	48.6	124.2	GGGG	28	42
09759W	4416N	2380-16352	00000/0000	2-10015/0571	02/06/76	10	5298	23.0	145.7	GGGG	32	29
09759W	4020N	2595-16245	00000/0000	2-10022/0677	09/08/76	90	8296	45.4	133.0	GGGG	31	32
09759W	4015N	2415-16295	00000/0000	2-10016/1144	03/12/76	90	5786	37.2	137.1	GGGG	31	32
09800W	4012N	2397-16302	00000/0000	2-10016/0282	02/23/76	0	5535	30.9	140.4	GGGG	31	32

KEYS: CLSD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0597

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09800W	3555N	2666-16175	00000/0000	2-10025/0375	11/18/76	10	9286	27.9	148.0	GGGG	30	35
09800W	2558N	2682-16084	00000/0000	2-10025/0886	12/04/76	90	9509	31.9	143.2	GGGG	28	42
09801W	4735N	2453-16380	00000/0000	2-10017/1383	04/19/76	10	6316	46.8	137.5	GGGG	33	27
09801W	4017N	2613-16241	00000/0000	2-10023/0034	09/26/76	90	8547	40.2	139.6	GGGG	31	32
09801W	3556N	2396-16255	00000/0000	2-10016/0442	02/22/76	0	5521	33.3	137.8	GGGG	30	35
09801W	3554N	2648-16183	00000/0000	2-10024/0233	10/31/76	10	9035	32.7	145.8	GGGG	30	35
09801W	3553N	2630-16191	00000/0000	2-10023/1119	10/13/76	0	8784	38.0	141.5	GGGG	30	35
09801W	3552N	2378-16262	00000/0000	2-10015/0469	02/04/76	90	5270	28.3	141.5	FGFF	30	35
09801W	2555N	2646-16100	00000/0000	2-10024/0122	10/29/76	100	9007	40.0	138.6	GGGG	28	42
09801W	2554N	2412-16165	00000/0000	2-10015/0955	03/09/76	70	5744	43.6	125.3	GFGG	28	42
09802W	4733N	2579-16343	00000/0000	2-10021/1285	08/23/76	10	8073	45.8	135.4	GGGG	33	27
09802W	4015N	2667-16222	00000/0000	2-10025/0447	11/19/76	40	9300	24.4	150.2	GGGG	31	32
09802W	4012N	2649-16230	00000/0000	2-10024/0270	11/01/76	10	9049	29.3	148.5	GGGG	31	32
09802W	2555N	2664-16092	00000/0000	2-10025/0689	11/16/76	100	9258	35.6	142.2	GGGG	28	42
09802W	2554N	2394-16172	00000/0000	2-10016/0198	02/20/76	60	5493	38.4	131.0	GGGG	28	42
09803W	4728N	2471-16373	00000/0000	2-10018/0760	05/07/76	0	6567	52.0	133.8	GGGG	33	27
09803W	4015N	2631-16234	00000/0000	2-10023/0923	10/14/76	10	8798	34.7	144.9	GGGG	31	32
09803W	2554N	2628-16104	00000/0000	2-10023/0729	10/11/76	10	8756	44.6	132.5	GGGG	28	42
09804W	2550N	2376-16175	00000/0000	2-10015/0409	02/02/76	0	5242	34.1	136.0	GGGG	28	42
09805W	4005N	2379-16305	00000/0000	2-10015/0511	02/05/76	100	5284	25.7	143.6	FFFF	31	32
09806W	4732N	2705-16301	00000/0000	2-10026/0022	12/27/76	90	9830	13.9	151.0	GGGF	33	27
09806W	4728N	2435-16383	00000/0000	2-10017/0869	04/01/76	0	6065	40.5	140.2	GGGG	33	27
09807W	4726N	2597-16341	00000/0000	2-10022/0754	09/10/76	0	8324	40.7	140.8	GGGG	33	27
09807W	4724N	2561-16351	00000/0000	2-10021/0574	08/05/76	60	7822	50.3	130.0	GGGG	33	27
09807W	4720N	2489-16371	00000/0000	2-10019/0081	05/25/76	10	6818	55.4	129.7	GGGG	33	27
09807W	3023N	2449-16201	00000/0000	2-10017/1361	04/15/76	90	6260	53.1	116.6	GFGG	29	39
09808W	4730N	2723-16292	00000/0000	2-10026/0534	01/14/77	90	81	15.1	148.3	GGFF	33	27
09808W	3021N	2467-16194	00000/0000	2-10018/0518	05/03/76	10	6511	57.1	108.8	GGGG	29	39
09809W	4723N	2417-16391	00000/0000	2-10016/1123	03/14/76	10	5814	33.6	142.5	GGGG	33	27
09809W	4721N	2543-16354	00000/0000	2-10020/1113	07/18/76	50	7571	53.8	126.2	GPFF	33	27
09810W	4726N	2687-16305	00000/0000	2-10025/1133	12/09/76	90	9579	15.1	152.9	GGGG	33	27
09810W	4717N	2525-16361	00000/0000	2-10020/0280	06/30/76	10	7320	56.0	124.8	GGGG	33	27
09810W	3023N	2575-16164	00000/0000	2-10021/1138	08/19/76	10	8017	53.3	111.4	FFFF	29	39
09810W	3021N	2431-16204	00000/0000	2-10017/0544	03/28/76	90	6009	47.8	123.4	FGFF	29	39
09810W	3017N	2485-16191	00000/0000	2-10018/1423	05/21/76	70	6762	59.2	101.2	GGGG	29	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0598

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	BRIGHT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	BRIGHT PATH NUM.	FRAME ROW NUM.
09811W	4722N	2615-16333	00000/0000 2-10023/0072	09/28/76	10	8575	34.9	146.0	GGGG		33	27
09811W	3016N	2539-16175	00000/0000 2-10020/0910	07/14/76	90	7515	57.4	97.0	GGGG		29	39
09812W	4717N	2399-16394	00000/0000 2-10016/0350	02/25/76	0	5563	26.9	144.7	GGFG		33	27
09812W	4717N	2633-16330	00000/0000 2-10023/0996	10/16/76	70	8826	29.0	150.0	GGGG		33	27
09812W	3021N	2701-16122	00000/0000 2-10025/1516	12/23/76	10	9774	26.6	144.0	GGGG		29	39
09812W	3019N	2557-16172	00000/0000 2-10021/0440	08/01/76	10	7766	55.6	103.0	GGGG		29	39
09812W	3012N	2503-16185	00000/0000 2-10019/0702	06/08/76	20	7013	59.5	95.8	GGGG		29	39
09813W	4719N	2669-16314	00000/0000 2-10025/0483	11/21/76	90	9328	18.5	153.6	FGGG		33	27
09813W	3021N	2719-16114	00000/0000 2-10026/0388	01/10/77	0	25	26.7	141.1	GGGG		29	39
09813W	3020N	2593-16162	00000/0000 2-10022/0596	09/06/76	20	8268	50.3	120.5	GPFG		29	39
09813W	3017N	2683-16130	00000/0000 2-10025/0961	12/05/76	90	9523	28.7	145.4	GGGG		29	39
09813W	3012N	2521-16182	00000/0000 2-10019/1471	06/26/76	50	7264	58.8	94.3	GGGG		29	39
09815W	4705N	2381-16401	00000/0000 2-10015/0614	02/07/76	20	5312	21.3	147.1	GGGG		33	27
09815W	3017N	2611-16154	00000/0000 2-10022/1395	09/24/76	10	8510	46.4	129.3	GGGG		29	39
09816W	3442N	2468-16241	00000/0000 2-10018/0572	05/04/76	10	6525	56.4	115.5	GGGG		30	36
09816W	3013N	2665-16135	00000/0000 2-10025/0128	11/17/76	100	9272	32.3	144.8	GGGG		29	39
09816W	3011N	2413-16212	00000/0000 2-10016/0919	03/10/76	30	5758	42.0	129.0	GGGG		29	39
09817W	4317N	2452-16333	00000/0000 2-10017/1540	04/18/76	70	6302	48.8	132.6	GGGG		32	30
09817W	3013N	2395-16215	00000/0000 2-10016/0230	02/21/76	10	5507	36.3	134.0	GGGG		29	39
09817W	3013N	2647-16143	00000/0000 2-10024/0152	10/30/76	0	9021	36.9	142.0	GGGG		29	39
09818W	4657N	2507-16365	00000/0000 2-10019/0867	06/12/76	50	7069	56.8	125.6	GGGG		33	27
09818W	3443N	2450-16244	00000/0000 2-10017/1375	04/16/76	0	6274	52.0	122.2	GGGG		30	36
09818W	3010N	2629-16151	00000/0000 2-10023/0830	10/12/76	20	8770	41.9	136.7	GGGG		29	39
09818W	3008N	2377-16222	00000/0000 2-10015/0429	02/03/76	0	5256	31.7	138.4	GGFG		29	39
09819W	4316N	2578-16301	00000/0000 2-10021/1190	08/22/76	0	8059	48.3	129.9	GGGG		32	30
09819W	4314N	2434-16341	00000/0000 2-10017/0640	03/31/76	10	6051	42.6	136.2	GGGG		32	30
09819W	4310N	2470-16330	00000/0000 2-10018/0611	05/06/76	10	6553	53.8	128.0	GGGG		32	30
09819W	3441N	2432-16251	00000/0000 2-10017/0613	03/29/76	30	6023	46.3	127.9	GGGG		30	36
09820W	5010N	2486-16234	00000/0000 2-10019/0024	05/22/76	10	6776	58.9	108.6	GGGG		30	36
09820W	3440N	2490-16420	00000/0000 2-10019/0176	05/26/76	90	6832	54.1	133.9	GGFF		34	25
09821W	5010N	2576-16211	00000/0000 2-10022/0072	08/20/76	10	8031	52.1	117.9	GGGG		30	36
09821W	4314N	2418-16440	00000/0000 2-10016/1199	03/15/76	0	5828	32.1	144.6	GGGG		34	25
09821W	3437N	2722-16250	00000/0000 2-10026/0495	01/13/77	50	67	18.1	146.5	GGGG		32	30
09821W	3436N	2558-16214	00000/0000 2-10021/0477	08/02/76	70	7780	55.0	110.2	GGGG		30	36
09821W	3436N	2684-16173	00000/0000 2-10025/0994	12/06/76	100	9537	25.3	147.5	GGGG		30	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0599

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT		RBV	MSS						123 45678				
09821W	3431N	2540-16222	00000/0000	2-10020/0957	07/15/76	90	7529	57.3	104.5	GGGG			30	36
09822W	5009N	2526-16410	00000/0000	2-10020/0295	07/01/76	10	7334	54.8	129.5	GGGG			34	25
09822W	5009N	2544-16403	00000/0000	2-10020/1210	07/19/76	40	7585	52.4	130.6	GGGG			34	25
09822W	5004N	2508-16413	00000/0000	2-10019/0799	06/13/76	90	7083	55.5	130.7	GGGG			34	25
09822W	4313N	2704-16254	00000/0000	2-10025/1582	12/26/76	50	9816	17.2	149.3	GGGF			32	30
09822W	4312N	2596-16294	00000/0000	2-10022/0725	09/09/76	10	8310	43.5	136.4	GGGG			32	30
09822W	4310N	2560-16304	00000/0000	2-10021/0594	08/04/76	10	7808	52.3	123.8	FGGG			32	30
09822W	3900N	2577-16254	00000/0000	2-10021/1239	08/21/76	0	8045	50.4	124.2	GGGG			31	33
09822W	3859N	2451-16291	00000/0000	2-10017/1464	04/17/76	40	6288	50.5	127.5	GGGG			31	33
09822W	3858N	2469-16284	00000/0000	2-10018/0598	05/05/76	40	6539	55.2	121.9	GGGG			31	33
09822W	3439N	2702-16165	00000/0000	2-10025/1541	12/24/76	10	9788	23.5	145.9	GGGG			30	36
09822W	3439N	2720-16160	00000/0000	2-10026/0434	01/11/77	10	39	23.9	143.0	GGGG			30	36
09823W	5007N	2634-16375	00000/0000	2-10023/0972	10/17/76	20	8840	26.5	152.0	FGGG			34	25
09823W	4304N	2542-16311	00000/0000	2-10020/1017	07/17/76	10	7557	55.4	119.3	GGGG			32	30
09823W	4303N	2506-16321	00000/0000	2-10019/0846	06/11/76	10	7055	58.1	119.0	GGGG			32	30
09824W	5008N	2670-16363	00000/0000	2-10025/0545	11/22/76	70	9342	16.0	154.9	F			34	25
09824W	4309N	2686-16262	00000/0000	2-10025/1100	12/08/76	80	9565	18.6	151.1	GGGG			32	30
09824W	4307N	2416-16344	00000/0000	2-10016/1110	03/13/76	30	5800	35.9	139.2	GGGG			32	30
09824W	4301N	2524-16314	00000/0000	2-10020/0192	06/29/76	30	7306	57.5	117.5	GGGG			32	30
09824W	3437N	2594-16204	00000/0000	2-10022/0641	09/07/76	0	8282	48.4	126.2	GGGG			30	36
09824W	3429N	2522-16225	00000/0000	2-10020/0099	06/27/76	30	7278	58.9	102.0	GGGG			30	36
09825W	4306N	2614-16291	00000/0000	2-10023/0093	09/27/76	40	8561	38.1	142.3	GGGG			32	30
09825W	3855N	2433-16294	00000/0000	2-10017/0627	03/30/76	10	6037	44.6	132.1	GGGF			31	33
09825W	3850N	2487-16281	00000/0000	2-10018/1345	05/23/76	90	6790	58.2	115.9	GGGG			31	33
09825W	3435N	2414-16255	00000/0000	2-10016/1036	03/11/76	90	5772	40.1	132.6	GGGF			30	36
09825W	3433N	2612-16201	00000/0000	2-10022/1409	09/25/76	80	8533	43.9	134.0	GGGG			30	36
09826W	4304N	2398-16351	00000/0000	2-10016/0331	02/24/76	0	5549	29.4	142.1	FGGG			32	30
09826W	3856N	2703-16211	00000/0000	2-10025/1564	12/25/76	0	9802	20.4	147.6	GGGF			31	33
09826W	3849N	2541-16254	00000/0000	2-10020/0971	07/16/76	0	7543	56.6	112.1	GGGG			31	33
09827W	3857N	2721-16203	00000/0000	2-10026/0460	01/12/77	10	53	21.0	144.8	GGGG			31	33
09827W	3848N	2505-16274	00000/0000	2-10019/0973	06/10/76	10	7041	59.1	111.4	GGGG			31	33
09827W	3847N	2523-16272	00000/0000	2-10020/0128	06/28/76	50	7292	58.4	109.9	F G			31	33
09827W	3430N	2396-16262	00000/0000	2-10016/0443	02/22/76	0	5521	34.1	136.8	GGGG			30	36
09827W	3429N	2666-16182	00000/0000	2-10025/0376	11/18/76	30	9286	29.0	147.2	GGGG			30	36
09827W	3428N	2648-16190	00000/0000	2-10024/0234	10/31/76	10	9035	33.7	144.9	GGGG			30	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0600

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09828W	4301N	2650-16275	00000/0000	2-10024/0294	11/02/76	0	9063	26.8	150.2	GGGG		32	30
09828W	3854N	2595-16251	00000/0000	2-10022/0678	09/08/76	100	8296	46.1	131.5	GGGG		31	33
09828W	3853N	2685-16220	00000/0000	2-10025/1034	12/07/76	50	9551	22.0	149.3	GGGG		31	33
09828W	3850N	2415-16301	00000/0000	2-10016/1145	03/12/76	20	5786	38.1	135.9	GGGG		31	33
09828W	3427N	2378-16265	00000/0000	2-10015/0470	02/04/76	90	5270	29.2	140.7	FFFF		30	36
09828W	3427N	2630-16194	00000/0000	2-10023/1120	10/13/76	0	8784	38.9	140.4	FGGG		30	34
09829W	4304N	2668-16271	00000/0000	2-10025/0469	11/20/76	30	9314	22.0	151.6	GGGG		32	30
09829W	4302N	2632-16283	00000/0000	2-10023/0962	10/15/76	10	8812	32.4	147.1	GGGG		32	30
09829W	3847N	2397-16305	00000/0000	2-10016/0283	02/23/76	0	5535	31.8	139.5	GGFG		31	33
09830W	3852N	2613-16244	00000/0000	2-10023/0035	09/26/76	80	8547	41.1	138.4	GGGG		31	33
09831W	3850N	2667-16224	00000/0000	2-10025/0448	11/19/76	0	9300	25.5	149.5	GGGF		31	33
09831W	2857N	2449-16204	00000/0000	2-10017/1362	04/15/76	90	6260	53.5	114.5	GFGG		29	40
09832W	4251N	2380-16354	00000/0000	2-10015/0572	02/06/76	10	5298	24.0	144.9	GGFG		32	30
09832W	3849N	2631-16240	00000/0000	2-10023/0924	10/14/76	0	8798	35.7	143.9	GFGG		31	33
09832W	3846N	2649-16233	00000/0000	2-10024/0271	11/01/76	10	9049	30.3	147.7	GGGG		31	33
09832W	2855N	2467-16201	00000/0000	2-10018/0519	05/03/76	10	6511	57.2	106.4	GGGG		29	40
09834W	3840N	2379-16311	00000/0000	2-10015/0512	02/05/76	90	5284	26.6	142.8	FFFF		31	33
09834W	2857N	2575-16171	00000/0000	2-10021/1139	08/19/76	20	8017	53.5	109.3	FFFF		29	40
09834W	2855N	2431-16211	00000/0000	2-10017/0545	03/28/76	90	6009	48.4	121.7	GGFG		29	40
09834W	2851N	2485-16194	00000/0000	2-10018/1424	05/21/76	70	6762	59.1	98.6	GGGG		29	40
09835W	2852N	2557-16174	00000/0000	2-10021/0441	08/01/76	20	7766	55.6	100.7	GGGG		29	40
09835W	2849N	2539-16181	00000/0000	2-10020/0911	07/14/76	100	7515	57.3	94.5	GGGF		29	40
09836W	4610N	2453-16382	00000/0000	2-10017/1384	04/19/76	10	6316	47.6	135.9	GGGG		33	28
09836W	2854N	2593-16154	00000/0000	2-10022/0597	09/06/76	10	8268	50.8	118.7	GGGG		29	40
09836W	2854N	2701-16124	00000/0000	2-10025/1517	12/23/76	20	9774	27.6	143.3	GGG		29	40
09836W	2847N	2503-16191	00000/0000	2-10019/0703	06/08/76	50	7013	59.4	93.2	GGGG		29	40
09837W	2854N	2719-16120	00000/0000	2-10026/0389	01/10/77	0	25	27.6	140.4	GGGG		29	40
09837W	2851N	2683-16133	00000/0000	2-10025/0962	12/05/76	90	9523	29.7	144.7	FGGG		29	40
09837W	2845N	2521-16185	00000/0000	2-10019/1472	06/26/76	50	7264	58.6	91.8	GGGG		29	40
09838W	4608N	2579-16350	00000/0000	2-10021/1286	08/23/76	0	8073	46.6	133.7	GGGG		33	28
09839W	4603N	2471-16380	00000/0000	2-10018/0761	05/07/76	0	6567	52.7	131.9	GGGG		33	28
09839W	2851N	2611-16161	00000/0000	2-10022/1396	09/24/76	20	8519	47.1	127.8	GGGG		29	40
09840W	2846N	2665-16141	00000/0000	2-10025/0929	11/17/76	100	9272	33.3	144.0	GGGG		29	40
09840W	2845N	2413-16215	00000/0000	2-10016/1000	03/10/76	40	5758	42.7	127.6	GGGG		29	40
09841W	4606N	2705-16303	00000/0000	2-10026/0023	12/27/76	90	9830	15.0	150.4	FGGF		33	28

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR HIS  
FROM 01/22/76 TO 01/22/77

PAGE 0601

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MBDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
09841W	4602N	2435-16390	00000/0000	2-10017/0870	04/01/76	0	6065	41.3	138.8	GGGG		33	28
09841W	4554N	2489-16373	00000/0000	2-10019/0082	05/25/76	50	6818	56.0	127.4	GGGG		33	28
09841W	2847N	2395-16222	00000/0000	2-10016/0231	02/21/76	10	5507	37.1	132.9	GGGG		29	40
09842W	4601N	2597-16343	00000/0000	2-10022/0755	09/10/76	0	8324	41.5	139.5	GGGG		33	28
09842W	4559N	2561-16353	00000/0000	2-10021/0575	08/05/76	60	7822	51.0	128.1	GGGG		33	28
09842W	3317N	2468-16243	00000/0000	2-10018/0573	05/04/76	20	6525	56.7	113.2	GGGG		30	37
09842W	2846N	2647-16150	00000/0000	2-10024/0153	10/30/76	0	9021	37.9	141.0	GGGG		29	40
09842W	2844N	2629-16154	00000/0000	2-10023/0831	10/12/76	10	8770	42.7	135.4	GGGG		29	40
09842W	2343N	2377-16224	00000/0000	2-10015/0430	02/03/76	0	5256	32.6	137.5	GGGG		29	40
09843W	4605N	2723-16295	00000/0000	2-10024/0535	01/14/77	90	81	16.1	147.7	GGGG		33	28
09843W	4555N	2543-16360	00000/0000	2-10020/1114	07/18/76	50	7571	54.3	124.0	FFFF		33	28
09844W	4558N	2417-16393	00000/0000	2-10016/1124	03/14/76	20	5814	34.5	141.3	GGGG		33	28
09844W	3317N	2450-16250	00000/0000	2-10017/1376	04/16/76	0	6274	52.5	120.2	GGGG		30	37
09845W	4601N	2687-16312	00000/0000	2-10025/1134	12/09/76	50	9579	16.2	152.3	GGGG		33	28
09845W	4553N	2525-16364	00000/0000	2-10020/0281	06/30/76	10	7320	56.5	122.4	GGGG		33	28
09845W	3315N	2432-16254	00000/0000	2-10017/0614	03/29/76	10	6023	47.0	126.3	FFF		30	37
09846W	4557N	2615-16340	00000/0000	2-10023/0073	09/28/76	10	8575	35.9	144.9	GGGG		33	28
09846W	3314N	2576-16214	00000/0000	2-10022/0073	08/20/76	20	8031	52.5	115.9	GGGG		30	37
09846W	3306N	2504-16234	00000/0000	2-10019/0527	06/09/76	10	7027	59.6	101.0	GGGG		30	37
09847W	4552N	2399-16401	00000/0000	2-10016/0351	02/25/76	10	5563	27.9	143.8	GGFG		33	28
09847W	4552N	2633-16332	00000/0000	2-10023/0997	10/16/76	50	8826	30.0	149.1	GGGG		33	28
09847W	3312N	2558-16221	00000/0000	2-10021/0478	08/02/76	30	7780	55.2	108.0	GGGG		30	37
09847W	3305N	2540-16224	00000/0000	2-10020/0958	07/15/76	80	7529	57.3	102.0	GGGG		30	37
09848W	4554N	2669-16320	00000/0000	2-10025/0484	11/21/76	90	9328	19.6	152.9	PGGG		33	28
09848W	4152N	2452-16340	00000/0000	2-10017/1541	04/18/76	50	6302	49.5	130.9	GGGG		32	31
09848W	3313N	2702-16171	00000/0000	2-10025/1542	12/24/76	70	9788	24.6	145.2	FGG		30	37
09848W	3313N	2720-16169	00000/0000	2-10026/0435	01/11/77	10	39	24.8	142.3	GGGF		30	37
09848W	3310N	2684-16180	00000/0000	2-10025/0995	12/06/76	90	9537	26.4	146.8	FGGF		30	37
09849W	3312N	2594-16211	00000/0000	2-10022/0642	09/07/76	20	8282	49.0	124.5	GGGG		30	37
09850W	4859N	2454-16432	00000/0000	2-10017/1618	04/20/76	80	6330	46.3	139.0	GGGG		34	26
09850W	4150N	2578-16303	00000/0000	2-10021/1191	08/22/76	10	8059	48.9	128.2	GGGG		32	31
09850W	4148N	2434-16343	00000/0000	2-10017/0641	03/31/76	0	6051	43.4	134.8	GGGG		32	31
09850W	4144N	2470-16333	00000/0000	2-10018/0612	05/06/76	0	6553	54.4	125.8	GGGG		32	31
09850W	3735N	2577-16260	00000/0000	2-10021/1240	08/21/76	0	8045	50.9	122.3	GGGG		31	34
09850W	3733N	2451-16293	00000/0000	2-10017/1465	04/17/76	30	6288	51.2	125.6	GGGG		31	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0402

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN RLI MSS	DATE ACQUIRED	CLCUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09850	3731N	2469-16290	00000/0000	2-10018/0599	05/05/76	70	6539	55.7	119.7	GGGG		31	34
09850	3302N	2522-16231	00000/0000	2-10020/0100	06/27/76	40	7278	58.9	99.4	GGGG		30	37
09851	4140N	2488-16330	00000/0000	2-10018/1432	05/24/76	90	6804	57.5	120.6	GGGG		32	31
09851	3309N	2414-16261	00000/0000	2-10016/1037	03/11/76	90	5772	40.8	131.3	GGGG		30	37
09851	3308N	2612-16264	00000/0000	2-10022/1410	09/25/76	60	8533	44.7	132.6	GGGG		30	37
09852	4149N	2722-16252	00000/0000	2-10026/0496	01/13/77	10	67	19.1	145.9	GGGG		32	31
09853	4857N	2580-16395	00000/0000	2-10021/1343	08/24/76	10	8087	44.8	137.3	GGGG		34	26
09853	4532N	2507-16371	00000/0000	2-10019/0868	06/12/76	40	7069	57.3	123.2	GGGG		33	28
09853	4147N	2596-16300	00000/0000	2-10022/0726	09/09/76	10	8310	44.3	134.9	GGGG		32	31
09853	4147N	2704-16260	00000/0000	2-10025/1583	12/26/76	80	9816	18.2	148.7	GGGG		32	31
09853	4145N	2560-16310	00000/0000	2-10021/0595	08/04/76	20	7808	52.8	121.8	GGGG		32	31
09853	4138N	2542-16314	00000/0000	2-10020/1018	07/17/76	30	7557	55.8	117.0	GGGG		32	31
09853	3730N	2433-16300	00000/0000	2-10017/0628	03/30/76	10	6037	45.3	130.6	GGGG		31	34
09853	3724N	2487-16283	00000/0000	2-10018/1346	05/23/76	20	6790	58.5	113.4	GGGG		31	34
09853	3304N	2396-16264	00000/0000	2-10016/0444	02/22/76	0	5521	35.0	135.8	GGGG		30	37
09853	3304N	2666-16184	00000/0000	2-10025/0377	11/18/76	70	9286	30.0	146.5	GGGG		30	37
09853	3303N	2648-16192	00000/0000	2-10024/0235	10/31/76	0	9035	34.7	144.0	GGGG		30	37
09854	4851N	2472-16425	00000/0000	2-10018/0794	05/08/76	10	6581	51.5	135.6	GGGG		34	26
09854	4138N	2506-16324	00000/0000	2-10019/0847	06/11/76	10	7055	58.5	116.4	GGGG		32	31
09854	3731N	2703-16214	00000/0000	2-10025/1565	12/25/76	0	9802	21.4	147.0	GGGG		31	34
09854	3723N	2541-16271	00000/0000	2-10020/0972	07/16/76	10	7543	56.8	109.6	GGGG		31	34
09854	3301N	2378-16271	00000/0000	2-10015/0471	02/04/76	60	5270	30.1	139.9	GGGG		30	37
09855	4853N	2436-16435	00000/0000	2-10017/0786	04/02/76	60	6079	39.9	141.4	GGGG		34	26
09855	4143N	2686-16265	00000/0000	2-10025/1101	12/08/76	60	9565	19.7	150.5	GGGG		32	31
09855	4136N	2524-16321	00000/0000	2-10020/0193	06/29/76	10	7306	57.8	115.0	GGGG		32	31
09855	3731N	2721-16205	00000/0000	2-10026/0461	01/12/77	70	53	22.0	144.2	GGGG		31	34
09855	3722N	2505-16281	00000/0000	2-10019/0974	06/10/76	10	7041	59.3	108.8	GGGG		31	34
09855	2731N	2449-16210	00000/0000	2-10017/1363	04/15/76	80	6260	53.8	112.5	GGGG		29	41
09855	2729N	2467-16203	00000/0000	2-10018/0520	05/03/76	10	6511	57.4	104.0	GGGG		29	41
09856	4851N	2562-16402	00000/0000	2-10021/0674	08/06/76	0	7836	49.4	132.2	GGGG		34	26
09856	4142N	2416-16351	00000/0000	2-10016/1111	03/13/76	10	5800	36.8	138.1	GGGG		32	31
09856	4141N	2614-16293	00000/0000	2-10023/0094	09/27/76	80	8561	39.1	141.1	GGGG		32	31
09856	3729N	2595-16254	00000/0000	2-10022/0679	09/08/76	90	8296	46.8	129.9	GGGG		31	34
09856	3727N	2685-16222	00000/0000	2-10025/1035	12/07/76	60	9551	23.1	148.7	GGGG		31	34
09856	3724N	2415-16304	00000/0000	2-10016/1146	03/12/76	20	5786	38.9	134.7	GGGG		31	34

KEYS: CLCUD COVER % ..... 0 TO 100 = % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0603

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09856N	3721N	2523-16274	00000/0000	2-10020/0129	06/28/76	10	7292	58.6	107.3	GGGG		31	34
09857N	4854N	2598-16392	00000/0000	2-10022/0768	09/11/76	0	5138	39.4	142.5	GGFF		34	26
09857N	4139N	2398-16354	00000/0000	2-10016/0332	02/24/76	0	5549	30.3	141.2	FGGG		32	31
09857N	2731N	2575-16173	00000/0000	2-10021/1140	08/19/76	40	8017	53.7	107.2	FGFG		29	41
09857N	2724N	2485-16200	00000/0000	2-10018/1425	05/21/76	60	6762	59.1	96.0	GGGG		29	41
09858N	4850N	2688-16361	00000/0000	2-10025/1160	12/10/76	0	9593	13.9	153.5	GGG		34	26
09858N	4847N	2490-16422	00000/0000	2-10019/0177	05/26/76	70	6832	54.8	131.7	GGFG		34	26
09858N	3721N	2397-16311	00000/0000	2-10016/0284	02/23/76	0	5535	32.7	138.5	FGGG		31	34
09858N	2729N	2431-16213	00000/0000	2-10017/0546	03/28/76	90	6009	48.9	120.0	FFGF		29	41
09858N	2725N	2557-16181	00000/0000	2-10021/0442	08/01/76	0	7766	55.6	98.4	GGGG		29	41
09859N	4139N	2668-16273	00000/0000	2-10025/0470	11/20/76	90	9314	23.1	150.9	GGGG		32	31
09859N	4136N	2650-16232	00000/0000	2-10024/0295	11/02/76	20	9063	27.9	149.4	GGG		32	31
09859N	3726N	2613-16250	00000/0000	2-10023/0036	09/26/76	90	8547	42.0	137.1	GGGG		31	34
09859N	3725N	2667-16231	00000/0000	2-10025/0449	11/19/76	0	9300	26.6	148.8	FGGG		31	34
09859N	2722N	2539-16184	00000/0000	2-10020/0912	07/14/76	90	7515	57.1	92.2	GGGF		29	41
09900N	4849N	2616-16385	00000/0000	2-10023/0170	09/29/76	0	8589	33.6	147.4	GGGG		34	26
09900N	4845N	2418-16443	00000/0000	2-10015/1200	03/15/76	0	5828	33.1	143.4	GGGG		34	26
09900N	4844N	2526-16413	00000/0000	2-10020/0296	07/01/76	10	7334	55.4	127.2	GGGG		34	26
09900N	4844N	2544-16410	00000/0000	2-10020/1211	07/19/76	40	7585	53.1	128.5	GGGG		34	26
09900N	4840N	2508-16420	00000/0000	2-10019/0800	06/13/76	100	7083	56.1	128.4	GGGG		34	26
09900N	4137N	2632-16290	00000/0000	2-10023/0963	10/15/76	10	8812	33.4	146.1	GGGG		32	31
09900N	3724N	2631-16243	00000/0000	2-10023/0925	10/14/76	0	8798	36.7	142.9	GGGG		31	34
09900N	3721N	2649-16235	00000/0000	2-10024/0272	11/01/76	0	9049	31.4	146.8	GGGG		31	34
09900N	2728N	2593-16171	00000/0000	2-10022/0598	09/06/76	10	8268	51.2	116.8	GGGG		29	41
09900N	2728N	2701-16131	00000/0000	2-10025/1518	12/23/76	50	9774	28.6	142.6	GGGG		29	41
09900N	2720N	2503-16194	00000/0000	2-10019/0704	06/08/76	50	7013	59.2	90.6	GGGG		29	41
09901N	4842N	2634-16382	00000/0000	2-10023/0973	10/17/76	20	8840	27.6	151.1	FGGG		34	26
09901N	4841N	2400-16450	00000/0000	2-10016/0466	02/26/76	70	5577	26.4	145.5	GGGG		34	26
09901N	2728N	2719-16123	00000/0000	2-10026/0390	01/10/77	0	25	28.6	139.1	GGGG		29	41
09901N	2725N	2683-16135	00000/0000	2-10025/0963	12/05/76	90	9523	30.7	143.9	GGGG		29	41
09901N	2720N	2521-16191	00000/0000	2-10019/1473	06/26/76	40	7264	58.3	89.3	GGGG		29	41
09902N	4843N	2670-16365	00000/0000	2-10025/0546	11/22/76	30	9342	17.1	154.2	GGGG		34	26
09902N	3714N	2379-16314	00000/0000	2-10015/0513	02/05/76	100	5284	27.6	142.1	FFFF		31	34
09903N	4126N	2380-16361	00000/0000	2-10015/0573	02/06/76	40	5298	25.0	144.2	GGFG		32	31
09903N	2725N	2611-16163	00000/0000	2-10022/1397	09/24/76	20	8519	47.8	126.3	GGGG		29	41

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0604

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA M8DF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09903N	2720N	2665-16144	00000/0000	2-10025/0930	11/17/76	100	9272	34.3	143.2	GGGG		29	41
09904N	2719N	2413-16221	00000/0000	2-10016/1001	03/10/76	90	5758	43.3	126.3	GGGG		29	41
09905N	2722N	2395-16224	00000/0000	2-10016/0232	02/21/76	10	5507	37.9	131.9	GGGG		29	41
09905N	2717N	2377-16231	00000/0000	2-10015/0431	02/03/76	0	5256	33.5	136.6	GGGG		29	41
09905N	2717N	2629-16160	00000/0000	2-10023/0832	10/12/76	30	8770	43.6	134.2	GGGG		29	41
09906N	2721N	2647-16152	00000/0000	2-10024/0154	10/30/76	0	9021	38.8	140.0	GGGG		29	41
09907N	4830N	2382-16453	00000/0000	2-10015/0644	02/08/76	60	5326	20.6	147.7	GGPG		34	26
09907N	3151N	2468-16250	00000/0000	2-10018/0574	05/04/76	70	6525	57.0	110.8	GGGG		30	38
09909N	3151N	2450-16253	00000/0000	2-10017/1377	04/16/76	10	6274	53.0	118.2	GGGG		30	38
09910N	4445N	2453-16385	00000/0000	2-10017/1385	04/19/76	80	6316	48.3	134.2	GGGG		33	29
09910N	3149N	2432-16260	00000/0000	2-10017/0615	03/29/76	0	6023	47.6	124.7	FG		30	38
09911N	3141N	2504-16241	00000/0000	2-10019/0528	06/09/76	10	7027	59.6	98.3	GGGG		30	38
09912N	4443N	2579-16352	00000/0000	2-10021/1287	08/23/76	0	8073	47.3	132.0	GGGG		33	29
09912N	4438N	2471-16382	00000/0000	2-10018/0762	05/07/76	0	6567	53.4	129.8	GGGG		33	29
09912N	3148N	2576-16220	00000/0000	2-10022/0074	08/20/76	30	8031	52.8	113.9	GGGG		30	38
09912N	3147N	2558-16229	00000/0000	2-10021/0479	08/02/76	10	7780	55.4	105.7	GGGG		30	38
09912N	3140N	2540-16231	00000/0000	2-10020/0959	07/15/76	70	7529	57.3	99.6	GGGG		30	38
09913N	3147N	2702-16174	00000/0000	2-10025/1543	12/24/76	90	9788	25.6	144.6	FFGG		30	38
09913N	3147N	2720-16165	00000/0000	2-10026/0436	01/11/77	50	39	25.8	141.7	GGGG		30	38
09914N	4437N	2435-16392	00000/0000	2-10017/0571	04/01/76	0	6065	42.2	137.4	GGGG		33	29
09914N	4428N	2489-16380	00000/0000	2-10019/0083	05/25/76	70	6818	56.6	125.1	GGGG		33	29
09914N	3146N	2594-16213	00000/0000	2-10022/0643	09/07/76	60	8282	49.6	122.8	GGGG		30	38
09914N	3144N	2634-16182	00000/0000	2-10025/0996	12/06/76	90	9537	27.4	146.1	FGGG		30	38
09915N	4441N	2705-16310	00000/0000	2-10024/0024	12/27/76	50	9830	16.1	149.8	FGGG		33	29
09915N	4434N	2561-16360	00000/0000	2-10021/0576	08/05/76	70	7822	51.6	126.1	GGGG		33	29
09915N	3136N	2522-16234	00000/0000	2-10020/0101	06/27/76	10	7278	58.8	96.9	GGGG		30	38
09916N	4440N	2723-16301	00000/0000	2-10026/0536	01/14/77	70	81	17.2	147.0	GGGG		33	29
09916N	4436N	2597-16350	00000/0000	2-10022/0756	09/10/76	0	8324	42.4	138.1	GGGG		33	29
09917N	4433N	2417-16400	00000/0000	2-10016/1125	03/14/76	50	5814	35.4	140.2	GGGG		33	29
09917N	4430N	2543-16362	00000/0000	2-10020/1115	07/18/76	90	7571	54.8	121.8	FPPF		33	29
09917N	3608N	2451-16300	00000/0000	2-10017/1466	04/17/76	60	6288	51.7	123.7	GGFG		31	35
09917N	3606N	2469-16293	00000/0000	2-10018/0600	05/05/76	90	6539	56.2	117.4	GGFG		31	35
09917N	3142N	2612-16210	00000/0000	2-10022/1411	09/25/76	40	8533	45.5	131.2	GGGG		30	38
09918N	4436N	2687-16314	00000/0000	2-10025/1135	12/09/76	20	9579	17.3	151.7	GGGG		33	29
09918N	4428N	2525-16370	00000/0000	2-10020/0262	06/30/76	10	7320	57.0	120.0	GGGG		33	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=IRW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0605

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09918N	3609N	2577-16263	00000/0000	2-10021/1241	08/21/76	10	8045	51.4	120.4	GGGG		31	35
09918N	3139N	2396-16271	00000/0000	2-10014/0445	02/22/76	0	5521	35.8	134.8	GGGG		30	38
09918N	3139N	2666-16191	00000/0000	2-10025/0378	11/18/76	60	9286	31.1	145.7	GGGG		30	38
09918N	3138N	2648-16195	00000/0000	2-10024/0236	10/31/76	0	9035	35.7	143.1	GGGG		30	38
09918N	2603N	2467-16210	00000/0000	2-10018/0521	05/03/76	40	6511	57.4	101.6	GGGG		29	42
09919N	4027N	2452-16342	00000/0000	2-10017/1542	04/18/76	40	6302	50.2	129.1	GGGG		32	32
09919N	3136N	2630-16203	00000/0000	2-10023/1121	10/13/76	30	8784	40.7	138.2	GGGG		30	38
09919N	3135N	2378-16274	00000/0000	2-10015/0472	02/04/76	90	5270	31.0	139.0	FGFF		30	38
09919N	2604N	2449-16213	00000/0000	2-10017/1364	04/15/76	90	6260	54.1	110.4	GGGG		29	42
09920N	4432N	2615-16342	00000/0000	2-10023/0074	09/28/76	0	8575	36.8	143.7	GGGG		33	29
09920N	4427N	2633-16335	00000/0000	2-10023/0998	10/16/76	10	8826	31.1	148.2	FGGG		33	29
09920N	4025N	2578-16310	00000/0000	2-10021/1192	08/22/76	10	8059	49.6	126.4	GGGG		32	32
09920N	4023N	2434-16350	00000/0000	2-10017/0642	03/31/76	10	6051	44.2	133.4	GGGG		32	32
09920N	4019N	2470-16335	00000/0000	2-10018/0613	05/06/76	0	6553	55.0	123.7	GGGG		32	32
09920N	3604N	2433-16303	00000/0000	2-10017/0629	03/30/76	30	6037	46.0	129.1	GGGG		31	35
09921N	4430N	2669-16323	00000/0000	2-10025/0485	11/21/76	80	9328	20.7	152.2	GGGG		33	29
09921N	4427N	2399-16403	00000/0000	2-10016/0352	02/25/76	10	5563	28.8	142.8	FFFF		33	29
09921N	4015N	2488-16333	00000/0000	2-10018/1433	05/24/76	100	6804	57.9	118.1	GGGG		32	32
09921N	3558N	2541-16273	00000/0000	2-10020/0973	07/16/76	30	7543	57.0	107.2	GGGG		31	35
09921N	2604N	2575-16180	00000/0000	2-10021/1141	08/19/76	70	8017	53.9	105.0	GGGG		29	42
09921N	2559N	2557-16183	00000/0000	2-10021/0443	08/01/76	10	7766	55.5	96.2	GGGG		29	42
09921N	2558N	2485-16203	00000/0000	2-10018/1426	05/21/76	70	6762	58.9	93.5	GGGG		29	42
09922N	4023N	2722-16255	00000/0000	2-10024/0497	01/13/77	10	67	20.1	145.3	GGGG		32	32
09922N	4020N	2560-16313	00000/0000	2-10021/0596	08/04/76	10	7808	53.3	119.7	GGGG		32	32
09922N	3605N	2703-16220	00000/0000	2-10025/1566	12/25/76	0	9802	22.5	146.4	GGGG		31	35
09922N	3602N	2685-16225	00000/0000	2-10025/1036	12/07/76	10	9551	24.1	148.1	FGGG		31	35
09922N	3557N	2505-16283	00000/0000	2-10019/0774	06/10/76	10	7041	59.5	106.1	GGGG		31	35
09923N	4022N	2596-16303	00000/0000	2-10022/0727	09/09/76	10	8310	45.1	133.4	GGGG		32	32
09923N	4021N	2704-16263	00000/0000	2-10025/1584	12/26/76	40	9816	19.3	148.1	GGGG		32	32
09923N	4013N	2542-16320	00000/0000	2-10020/1019	07/17/76	20	7557	56.2	114.6	GGGG		32	32
09923N	3605N	2721-16212	00000/0000	2-10026/0462	01/12/77	80	53	23.0	143.5	GGGG		31	35
09923N	3602N	2595-16260	00000/0000	2-10022/0680	09/08/76	80	8296	47.5	128.3	GGGG		31	35
09923N	3558N	2415-16310	00000/0000	2-10016/1147	03/12/76	50	5786	39.7	133.5	GGGG		31	35
09923N	3556N	2523-16281	00000/0000	2-10020/0130	06/28/76	0	7292	58.7	104.7	GGGG		31	35
09923N	2602N	2593-16173	00000/0000	2-10027/0599	09/06/76	10	8268	51.6	114.9	GGGG		29	42

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANHSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0606

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09923*	2602N	2701-16133	00000/0000	2-10025/1519	12/23/76	90	9774	29.6	141.9	GGGG		29	42
09923*	2556N	2539-16190	00000/0000	2-10020/0913	07/14/76	70	7515	56.9	89.8	GGGG		29	42
09923*	2553N	2503-16200	00000/0000	2-10019/0705	06/08/76	30	7013	58.9	88.1	GGGG		29	42
09924*	4416N	2381-16410	00000/0000	2-10015/0615	02/07/76	70	5312	23.3	145.5	FFGG		33	29
09924*	4011N	2524-16323	00000/0000	2-10020/0134	06/29/76	10	7306	58.1	112.4	GGGG		32	32
09924*	2602N	2719-16125	00000/0000	2-10026/0391	01/10/77	70	25	29.5	138.9	GFGG		29	42
09924*	2558N	2683-16142	00000/0000	2-10025/0964	12/05/76	90	9523	31.7	143.2	GGGG		29	42
09924*	2555N	2521-16194	00000/0000	2-10019/1474	06/26/76	40	7264	58.0	86.9	GGGG		29	42
09925*	4018N	2636-16271	00000/0000	2-10025/1102	12/08/76	10	9565	20.8	149.9	GGGG		32	32
09925*	3556N	2397-16314	00000/0000	2-10014/0285	02/23/76	0	5535	33.6	137.5	GGGG		31	35
09926*	4407N	2507-16374	00000/0000	2-10019/0869	06/12/76	40	7069	57.8	120.7	GGGG		33	29
09926*	4016N	2416-16353	00000/0000	2-10016/1112	03/13/76	0	5800	37.6	136.9	GGGG		32	32
09926*	4014N	2614-16300	00000/0000	2-10023/0095	09/27/76	60	8561	40.0	139.9	GGGG		32	32
09926*	3600N	2613-16253	00000/0000	2-10023/0027	09/26/76	90	8547	42.8	135.8	GGGG		31	35
09926*	3558N	2667-16233	00000/0000	2-10025/0450	11/19/76	10	9300	27.6	148.1	GGGG		31	35
09926*	2558N	2611-16170	00000/0000	2-10022/1398	09/24/76	30	8519	48.4	124.7	GGGG		29	42
09927*	4734N	2454-16434	00000/0000	2-10017/1619	04/20/76	90	6330	47.1	137.3	GFGG		34	27
09927*	4014N	2398-16360	00000/0000	2-10016/0333	02/24/76	20	5549	31.2	140.2	GGGG		32	32
09927*	3558N	2631-16245	00000/0000	2-10023/0926	10/14/76	0	8798	37.6	141.9	GGGG		31	35
09927*	2555N	2665-16150	00000/0000	2-10025/0931	11/17/76	100	9272	35.3	142.3	GGGG		29	42
09927*	2554N	2413-16224	00000/0000	2-10016/1002	03/10/76	90	5758	43.9	124.9	GGGG		29	42
09928*	3556N	2649-16242	00000/0000	2-10024/0273	11/01/76	0	9049	32.4	146.0	GGGG		31	35
09928*	2556N	2395-16231	00000/0000	2-10014/0233	02/21/76	10	5507	38.6	130.7	GGGG		29	42
09928*	2555N	2647-16155	00000/0000	2-10024/0155	10/30/76	0	9021	39.8	138.9	GGGG		29	42
09929*	4014N	2668-16280	00000/0000	2-10025/0471	11/20/76	90	9314	24.2	150.2	GGGG		32	32
09929*	4011N	2650-16284	00000/0000	2-10024/0296	11/02/76	80	9063	29.0	148.6	GGGG		32	32
09929*	3549N	2379-16320	00000/0000	2-10015/0514	02/05/76	100	5284	28.5	141.3	FFFF		31	35
09929*	2552N	2629-16163	00000/0000	2-10023/0833	10/12/76	30	8770	44.4	132.9	GGGG		29	42
09929*	2551N	2377-16233	00000/0000	2-10015/0432	02/03/76	0	5256	34.3	135.7	GGGG		29	42
09930*	4731N	2550-16402	00000/0000	2-10021/1344	08/24/76	10	8087	45.6	135.6	GGGG		34	27
09930*	4726N	2472-16431	00000/0000	2-10018/0795	05/08/76	0	6581	52.2	133.6	GGGG		34	27
09930*	4011N	2632-16232	00000/0000	2-10023/0964	10/15/76	10	8812	34.4	145.1	GGGG		32	32
09931*	4728N	2436-16442	00000/0000	2-10017/0787	04/02/76	80	6079	40.8	140.0	GGFF		34	27
09932*	4726N	2562-16405	00000/0000	2-10021/0675	08/06/76	0	7836	50.1	130.3	GGGG		34	27
09932*	4001N	2380-16363	00000/0000	2-10015/0574	02/06/76	50	5298	26.0	143.4	GGGG		32	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0607

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09932N	3025N	2468-16252	00000/0000	2-10018/0575	05/04/76	70	6525	57.2	108.4	GGGG	30	39
09934N	4723N	2490-16425	00000/0000	2-10019/0178	05/26/76	30	6832	55.5	129.5	GGGG	34	27
09934N	3025N	2450-16255	00000/0000	2-10017/1378	04/16/76	10	6274	53.4	116.2	GGGG	30	39
09935N	4729N	2598-16395	00000/0000	2-10022/0769	09/11/76	10	8338	40.3	141.2	GGGG	34	27
09935N	4725N	2688-16362	00000/0000	2-10025/1161	12/10/76	0	9593	15.0	152.8	GGGF	34	27
09935N	3016N	2456-16250	00000/0000	2-10018/1407	05/22/76	20	6776	59.2	100.8	GGGG	30	39
09936N	4724N	2616-16392	00000/0000	2-10023/0171	09/29/76	0	8589	34.6	146.3	GGGG	34	27
09936N	4721N	2418-16445	00000/0000	2-10016/1201	03/15/76	20	5828	34.0	142.3	GGGG	34	27
09936N	4719N	2526-16415	00000/0000	2-10020/0297	07/01/76	10	7334	55.9	124.9	GGGG	34	27
09936N	4719N	2544-16412	00000/0000	2-10020/1212	07/19/76	20	7585	53.6	126.3	GGGG	34	27
09936N	4715N	2508-16422	00000/0000	2-10019/0801	06/13/76	60	7083	56.7	126.0	GGGG	34	27
09936N	3023N	2432-16263	00000/0000	2-10017/0616	03/29/76	0	6023	48.1	123.0	FGGG	30	39
09936N	3016N	2504-16243	00000/0000	2-10019/0529	06/09/76	10	7027	59.5	95.7	FGGG	30	39
09936N	3014N	2540-16233	00000/0000	2-10020/0960	07/15/76	70	7529	57.3	97.2	GGGG	30	39
09937N	4717N	2634-16384	00000/0000	2-10023/0974	10/17/76	20	8840	28.6	150.2	FGGG	34	27
09937N	3022N	2576-16223	00000/0000	2-10022/0075	08/20/76	30	8031	53.1	111.8	GGGG	30	39
09937N	3020N	2558-16230	00000/0000	2-10021/0480	08/02/76	10	7780	55.5	103.4	GGGG	30	39
09938N	4716N	2400-16452	00000/0000	2-10016/0467	02/26/76	80	5577	27.3	144.5	FGGG	34	27
09938N	3021N	2702-16180	00000/0000	2-10025/1544	12/24/76	70	9788	26.6	143.9	GGGG	30	39
09938N	3020N	2720-16172	00000/0000	2-10026/0437	01/11/77	100	39	26.8	140.9	GGGG	30	39
09939N	4719N	2670-16372	00000/0000	2-10025/0547	11/22/76	40	9342	18.2	153.6	GGGG	34	27
09939N	3019N	2594-16220	00000/0000	2-10022/0644	09/07/76	60	8282	50.1	121.0	GGGG	30	39
09939N	3017N	2684-16185	00000/0000	2-10025/0997	12/06/76	90	9537	28.5	145.4	GGGG	30	39
09939N	3011N	2522-16240	00000/0000	2-10020/0102	06/27/76	20	7278	58.7	94.3	GGGG	30	39
09940N	3017N	2414-16270	00000/0000	2-10016/1038	03/11/76	100	5772	42.3	128.8	FFGG	30	39
09942N	3016N	2612-16213	00000/0000	2-10022/1412	09/25/76	60	8533	46.2	129.8	GGGG	30	39
09942N	3013N	2396-16273	00000/0000	2-10016/0446	02/22/76	0	5521	36.6	133.7	GGFG	30	39
09942N	3013N	2666-16193	00000/0000	2-10025/0379	11/18/76	80	9286	32.1	144.9	GGGG	30	39
09942N	3012N	2648-16201	00000/0000	2-10024/0237	10/31/76	0	9035	36.7	142.2	GGGG	30	39
09943N	4705N	2382-16455	00000/0000	2-10015/0645	02/08/76	30	5326	21.6	146.9	P	34	27
09943N	4320N	2453-16331	00000/0000	2-10017/1386	04/19/76	80	6316	49.1	132.4	GGGF	33	30
09943N	3442N	2451-16302	00000/0000	2-10017/1467	04/17/76	90	6288	52.3	121.8	GGFF	31	36
09943N	3010N	2630-16205	00000/0000	2-10023/1122	10/13/76	50	8784	41.6	137.0	GGGG	30	39
09944N	4318N	2579-16355	00000/0000	2-10021/1288	08/23/76	0	8073	48.0	130.3	GGGG	33	30
09944N	3441N	2469-16295	00000/0000	2-10018/0601	05/05/76	100	6539	56.5	115.1	GGGG	31	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

31:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0608

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROL MSS	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09944N	3009N	2378-16250	00000/0000	2-10015/0473	02/04/76	90	5270	31.9	138.2	GGFF		30	39
09945N	5010N	2491-16474	00000/0000	2-10019/0211	05/27/76	60	6846	54.2	133.7	GGGG		35	25
09945N	4312N	2471-16345	00000/0000	2-10018/0763	05/07/76	0	6567	54.0	127.7	GGGG		33	30
09945N	3443N	2577-16265	00000/0000	2-10021/1242	08/21/76	10	8045	51.9	118.4	GGGG		31	36
09946N	5010N	2545-16461	00000/0000	2-10020/1183	07/20/76	10	7599	52.2	130.8	GGGG		35	25
09946N	4304N	2489-16382	00000/0000	2-10019/0084	05/25/76	90	6818	57.1	122.7	GGGG		33	30
09946N	3433N	2487-16292	00000/0000	2-10018/1367	05/23/76	40	6790	59.0	108.3	GGGG		31	30
09947N	5007N	2527-16465	00000/0000	2-10020/0401	07/02/76	10	7348	54.7	129.4	FGGG		35	25
09947N	4316N	2705-16312	00000/0000	2-10026/0025	12/27/76	30	9830	17.1	149.2	GGGG		33	30
09947N	4311N	2435-16395	00000/0000	2-10017/0872	04/01/76	0	6065	43.0	136.0	GGGG		33	30
09947N	3438N	2433-16305	00000/0000	2-10017/0630	03/30/76	30	6037	46.7	127.5	GGGG		31	36
09948N	5006N	2509-16471	00000/0000	2-10019/0940	06/14/76	90	7097	55.5	130.6	GGGG		35	25
09948N	4314N	2723-16304	00000/0000	2-10026/0537	01/14/77	20	81	18.2	146.4	GGGG		33	30
09948N	4309N	2561-16362	00000/0000	2-10021/0577	08/05/76	90	7822	52.1	124.1	FGGG		33	30
09948N	4305N	2543-16365	00000/0000	2-10020/1116	07/18/76	20	7571	55.3	119.5	FFFF		33	30
09948N	3901N	2452-16345	00000/0000	2-10017/1543	04/18/76	10	6302	50.8	127.2	GGGG		32	33
09948N	3438N	2703-16223	00000/0000	2-10025/1567	12/25/76	0	9802	23.5	145.8	FGGG		31	36
09948N	3436N	2685-16231	00000/0000	2-10025/1037	12/07/76	10	9551	25.2	147.4	GGGG		31	36
09948N	3432N	2505-16290	00000/0000	2-10019/0775	06/10/76	0	7041	59.6	103.4	GGGG		31	36
09948N	3432N	2541-16280	00000/0000	2-10020/0974	07/16/76	80	7543	57.2	104.8	GGGG		31	36
09949N	5010N	2671-16421	00000/0000	2-10025/0561	11/23/76	90	9356	15.7	154.9	GGGG		35	25
09949N	5006N	2365-16510	00000/0000	2-10015/0133	01/22/76	100	5089	15.3	151.0	GGGG		35	25
09949N	4311N	2597-16352	00000/0000	2-10022/0757	09/10/76	20	8324	43.2	136.7	FGGG		33	30
09949N	3857N	2434-16352	00000/0000	2-10017/0643	03/31/76	10	6051	44.9	131.9	GGGG		32	33
09949N	3853N	2470-16342	00000/0000	2-10018/0614	05/06/76	0	6553	55.5	121.5	GGGG		32	33
09949N	3431N	2523-16253	00000/0000	2-10020/0131	06/28/76	0	7292	58.8	102.1	GGGG		31	36
09950N	4311N	2687-16321	00000/0000	2-10025/1136	12/09/76	10	9579	18.4	151.1	GGGG		33	30
09950N	4308N	2417-16402	00000/0000	2-10016/1126	03/14/76	70	5814	36.3	139.1	GGGG		33	30
09950N	4302N	2507-16375	00000/0000	2-10019/0870	06/12/76	20	7069	58.1	118.8	GGGG		33	30
09950N	4302N	2525-16373	00000/0000	2-10020/0283	06/30/76	10	7320	57.4	117.5	GGGG		33	30
09950N	3859N	2578-16312	00000/0000	2-10021/1300	08/22/76	10	8059	50.1	124.5	GGGG		32	33
09950N	3849N	2488-16335	00000/0000	2-10018/1235	05/24/76	90	6804	58.3	115.6	GGFG		32	33
09950N	3439N	2721-16214	00000/0000	2-10026/0463	01/12/77	100	53	24.0	142.8	GGGG		31	36
09950N	3436N	2595-16263	00000/0000	2-10022/0681	09/08/76	80	8296	48.2	126.6	GGGG		31	36
09950N	3432N	2415-16313	00000/0000	2-10016/1148	03/12/76	10	5786	40.4	132.3	GGGG		31	36

KEYS: CLSD COVER : ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0609

FBR IIS  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
09951W	3857N	2722-16261	00000/0000	2-10026/0498	01/13/77	10	67	21.1	144.6	GGGG		32	33
09951W	3854N	2560-16315	00000/0000	2-10021/0597	02/04/76	10	7808	53.7	117.5	GGGG		32	33
09952W	5005N	2653-16425	00000/0000	2-10025/0001	11/05/76	10	9105	20.5	154.3	GGGG		35	25
09952W	4307N	2615-16345	00000/0000	2-10023/0075	09/28/76	0	8575	37.8	142.6	GGGG		33	30
09952W	4302N	2633-16341	00000/0000	2-10023/0999	10/16/76	20	8826	32.1	147.3	GGGG		33	30
09952W	3848N	2542-16323	00000/0000	2-10020/1020	07/17/76	20	7557	56.5	112.2	GGFF		32	33
09952W	3430N	2397-16320	00000/0000	2-10016/0286	02/23/76	0	5535	34.4	136.5	GGGG		31	36
09953W	4304N	2669-16325	00000/0000	2-10025/0486	11/21/76	70	9328	21.8	151.6	GGGG		33	30
09953W	4302N	2399-16410	00000/0000	2-10016/0353	02/25/76	0	5563	29.8	141.9	FGFF		33	30
09953W	3855N	2596-16305	00000/0000	2-10022/0728	09/09/76	10	8310	45.8	131.9	FGGG		32	33
09953W	3855N	2704-16265	00000/0000	2-10025/1585	12/26/76	0	9816	20.4	147.5	GGGG		32	33
09953W	3844N	2524-16330	00000/0000	2-10020/0195	06/29/76	10	7306	58.4	109.9	GGGG		32	33
09953W	3435N	2613-16255	00000/0000	2-10023/0037	09/26/76	90	8547	43.6	134.5	GGGG		31	36
09953W	3432N	2667-16240	00000/0000	2-10025/0451	11/19/76	50	9300	28.7	147.3	GGGG		31	36
09954W	3433N	2631-16252	00000/0000	2-10023/0927	10/14/76	0	8798	38.6	140.8	GGGG		31	36
09954W	3430N	2649-16244	00000/0000	2-10024/0274	11/01/76	10	9049	33.4	145.1	GGGG		31	36
09955W	4250N	2381-16413	00000/0000	2-10015/0616	02/07/76	10	5312	24.3	144.8	GGGG		33	30
09955W	3852N	2686-16274	00000/0000	2-10025/1103	12/08/76	0	9565	21.9	149.3	GGGF		32	33
09955W	3851N	2416-16350	00000/0000	2-10016/1113	03/13/76	0	5800	38.4	135.8	GGGG		32	33
09955W	3849N	2614-16302	00000/0000	2-10023/0096	09/27/76	90	8561	40.8	138.7	GGGG		32	33
09955W	3423N	2379-16323	00000/0000	2-10015/0515	02/05/76	90	5284	29.5	140.4	FFFF		31	36
09956W	3849N	2398-16363	00000/0000	2-10016/0334	02/24/76	30	5549	32.1	139.3	GGGG		32	33
09956W	2858N	2468-16255	00000/0000	2-10018/0576	05/04/76	90	6525	57.4	106.0	GGGG		30	40
09957W	4953N	2383-16505	00000/0000	2-10015/0661	02/09/76	10	5340	19.9	148.3	GGGG		35	25
09958W	3849N	2668-16282	00000/0000	2-10025/0472	11/20/76	70	9314	25.3	149.5	GGGG		32	33
09958W	3846N	2650-16291	00000/0000	2-10024/0297	11/02/76	70	9063	30.0	147.8	GGGG		32	33
09958W	2859N	2450-16262	00000/0000	2-10017/1379	04/16/76	10	6274	53.8	114.1	GGGG		30	40
09959W	3846N	2632-16235	00000/0000	2-10023/0965	10/15/76	0	8812	35.4	144.2	GGGG		32	33
09959W	2850N	2486-16252	00000/0000	2-10018/1408	05/22/76	20	6776	59.2	98.2	GGGG		30	40
09959W	2848N	2540-16240	00000/0000	2-10020/0961	07/15/76	90	7529	57.2	94.8	GGGG		30	40
09959W	2856N	2432-16265	00000/0000	2-10017/0617	03/29/76	0	6023	48.7	121.4	FGG		30	40
10000W	3835N	2380-16370	00000/0000	2-10015/0575	02/06/76	60	5298	26.9	142.6	GGGG		32	33
10001W	2856N	2576-16225	00000/0000	2-10022/0076	08/20/76	40	8031	53.4	109.7	GGGG		30	40
10001W	2855N	2702-16183	00000/0000	2-10025/1545	12/24/76	100	9788	27.6	143.2	GGGG		30	40
10001W	2853N	2558-16232	00000/0000	2-10021/0431	08/02/76	0	7780	55.5	101.2	GGGG		30	40

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0610

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION IN ROLL	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MBDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10001	2849N	2504-16250	00000/0000	2-10019/0530	06/09/76	20	7027	59.4	93.1	GGGG		30	40
10002	4609N	2454-16441	00000/0000	2-10017/1620	04/20/76	30	6330	47.9	135.6	GGGG		34	28
10002	2854N	2720-16174	00000/0000	2-10024/0438	01/11/77	100	39	27.7	140.2	GGGG		30	40
10003	2853N	2594-16222	00000/0000	2-10022/0645	09/07/76	10	8282	50.6	119.2	FFFF		30	40
10003	2844N	2522-16243	00000/0000	2-10020/0103	06/27/76	30	7278	58.5	91.8	GGGG		30	40
10004	2851N	2684-16191	00000/0000	2-10025/0998	12/06/76	70	9537	29.5	144.7	FGGF		30	40
10005	4606N	2580-16404	00000/0000	2-10021/1345	08/24/76	10	8087	46.3	134.0	GGGG		34	28
10005	4601N	2472-16434	00000/0000	2-10018/0796	05/08/76	0	6581	52.9	131.6	GGGG		34	28
10005	2851N	2414-16273	00000/0000	2-10016/1039	03/11/76	100	5772	42.9	127.4	FGGF		30	40
10005	2847N	2666-16200	00000/0000	2-10025/0362	11/18/76	100	9286	33.1	144.1	G GG		30	40
10006	4603N	2436-16444	00000/0000	2-10017/0788	04/02/76	100	6079	41.7	138.7	FFFF		34	28
10006	2849N	2612-16215	00000/0000	2-10022/1413	09/25/76	70	8533	46.9	128.3	GGGG		30	40
10006	2847N	2648-16204	00000/0000	2-10024/0238	10/31/76	0	9035	37.6	141.2	FGGF		34	28
10007	4601N	2552-16411	00000/0000	2-10021/0676	08/06/76	0	7836	50.7	128.4	GGGG		34	28
10007	2847N	2396-16280	00000/0000	2-10016/0347	02/22/76	10	5521	37.4	132.6	FGGG		30	40
10007	2845N	2630-16212	00000/0000	2-10023/1123	10/13/76	30	8784	42.5	135.8	GGGG		30	40
10008	2843N	2378-16203	00000/0000	2-10015/0474	02/04/76	90	5270	32.8	137.3	GGFF		30	40
10009	4605N	2724-16353	00000/0000	2-10024/0564	01/15/77	20	95	16.3	147.5	GGGG		34	28
10009	4557N	2490-16431	00000/0000	2-10019/0179	05/26/76	10	6832	56.1	127.2	GGGG		34	28
10009	3316N	2451-16305	00000/0000	2-10017/1468	04/17/76	100	6288	52.8	119.8	GGGG		31	37
10010	4603N	2598-16401	00000/0000	2-10022/0770	09/11/76	10	8338	41.2	139.8	FGGG		34	28
10010	4600N	2638-16370	00000/0000	2-10025/1162	12/10/76	0	9593	16.1	152.2	GGGG		34	28
10010	4555N	2526-16422	00000/0000	2-10020/0298	07/01/76	10	7334	56.4	122.5	GGGG		34	28
10010	4554N	2544-16415	00000/0000	2-10020/1213	07/19/76	40	7585	54.2	124.1	GGGG		34	28
10010	3315N	2469-16302	00000/0000	2-10018/0602	05/05/76	80	6539	56.9	112.7	GGGG		31	37
10011	4556N	2418-16452	00000/0000	2-10016/1202	03/15/76	30	5828	34.9	141.2	GGGG		34	28
10011	4551N	2508-16425	00000/0000	2-10019/0802	06/13/76	0	7083	57.2	123.6	GGGG		34	28
10011	3317N	2577-16272	00000/0000	2-10021/1243	08/21/76	10	8045	52.3	116.4	GGGG		31	37
10012	4559N	2616-16394	00000/0000	2-10023/0172	09/29/76	0	8589	35.5	145.2	GGGG		34	28
10012	3312N	2433-16312	00000/0000	2-10017/0631	03/30/76	70	6037	47.3	125.9	GGGG		31	37
10012	3307N	2487-16295	00000/0000	2-10018/1368	05/23/76	30	6790	59.1	105.7	GGGG		31	37
10013	4552N	2634-16391	00000/0000	2-10023/0975	10/17/76	10	8840	29.7	149.3	FGGF		34	28
10013	4551N	2400-16455	00000/0000	2-10016/0468	02/26/76	50	5577	28.3	143.6	FGGG		34	28
10013	3307N	2541-16202	00000/0000	2-10020/0975	07/16/76	90	7543	57.2	102.3	GGGG		31	37
10014	4554N	2670-16374	00000/0000	2-10025/0548	11/22/76	80	9342	19.4	152.9	GGGG		34	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MBDF ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0611

FBR IIS  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10014N	4154N	2453-16394	00000/0000	2-10017/1387	04/19/76	70	6316	49.8	130.7	GGGF		33	31
10014N	3313N	2703-16225	00000/0000	2-10025/1568	12/25/76	10	9802	24.5	145.1	FFGP		31	37
10014N	3310N	2685-16234	00000/0000	2-10025/1038	12/07/76	10	9551	26.3	146.7	GFGG		31	37
10014N	3306N	2505-16292	00000/0000	2-10019/0776	06/10/76	0	7041	59.6	100.8	GGGG		31	37
10015N	4152N	2579-16361	00000/0000	2-10021/1289	08/23/76	0	8073	48.7	128.6	GGGG		33	31
10015N	3305N	2523-16290	00000/0000	2-10020/0132	06/28/76	10	7292	58.8	99.6	GGGG		31	37
10016N	4146N	2471-16391	00000/0000	2-10018/0764	05/07/76	10	6567	54.6	125.6	GGGG		33	31
10016N	3735N	2452-16351	00000/0000	2-10017/1544	04/18/76	10	6302	51.4	125.4	GGGG		32	34
10016N	3313N	2721-16221	00000/0000	2-10026/0464	01/12/77	100	53	24.9	142.2	GGGG		31	37
10016N	3311N	2595-16265	00000/0000	2-10022/0682	09/08/76	60	8296	48.8	125.0	GGGG		31	37
10016N	3306N	2415-16315	00000/0000	2-10016/1149	03/12/76	10	5786	41.2	131.0	FGGG		31	37
10017N	4856N	2455-16490	00000/0000	2-10017/1634	04/21/76	80	6344	46.6	138.8	GGGG		35	26
10017N	4139N	2489-16385	00000/0000	2-10019/0085	05/25/76	90	6818	57.6	120.3	GGFG		33	31
10017N	3727N	2470-16344	00000/0000	2-10018/0615	05/06/76	0	6553	56.0	119.2	FGGG		32	34
10018N	4151N	2705-16315	00000/0000	2-10026/0026	12/27/76	40	9830	18.2	148.6	GGGG		33	31
10018N	4145N	2435-16401	00000/0000	2-10017/0873	04/01/76	0	6065	43.8	134.6	GGGG		33	31
10018N	3733N	2578-16315	00000/0000	2-10021/1301	08/22/76	10	8059	50.7	122.7	GGGG		32	34
10018N	3731N	2434-16355	00000/0000	2-10017/0644	03/31/76	20	6051	45.6	130.4	GGGG		32	34
10018N	3724N	2488-16342	00000/0000	2-10018/1236	05/24/76	90	6804	58.6	113.1	GGGG		32	34
10018N	3307N	2667-16242	00000/0000	2-10025/0452	11/19/76	80	9300	29.8	146.6	GGGG		31	37
10018N	3304N	2397-16323	00000/0000	2-10016/0287	02/23/76	0	5535	35.3	135.5	GGGG		31	37
10019N	4853N	2473-16483	00000/0000	2-10018/0845	05/09/76	30	6595	51.7	135.4	GGGG		35	26
10019N	4148N	2723-16310	00000/0000	2-10026/0538	01/14/77	20	81	19.2	145.7	GGGG		33	31
10019N	4143N	2561-16365	00000/0000	2-10021/0578	08/05/76	60	7822	52.6	122.0	GGGG		33	31
10019N	4140N	2543-16372	00000/0000	2-10020/1117	07/18/76	10	7571	55.7	117.2	FFFF		33	31
10019N	3729N	2560-16322	00000/0000	2-10021/0598	08/04/76	0	7808	54.1	115.4	FGGG		32	34
10019N	2731N	2468-16261	00000/0000	2-10018/0577	05/04/76	90	6525	57.5	103.6	FGGG		30	41
10020N	4858N	2581-16453	00000/0000	2-10021/1392	08/25/76	90	8101	44.5	137.6	GGGG		35	26
10020N	4853N	2437-16493	00000/0000	2-10017/0839	04/03/76	0	6093	40.3	141.3	GGGG		35	26
10020N	4145N	2597-16355	00000/0000	2-10022/0758	09/10/76	50	8324	44.0	135.2	GGGG		33	31
10020N	4145N	2657-16323	00000/0000	2-10025/1137	12/09/76	10	9579	19.5	150.5	GGGG		33	31
10020N	4137N	2525-16375	00000/0000	2-10020/0284	06/30/76	20	7320	57.7	115.1	GGGG		33	31
10020N	3731N	2722-16264	00000/0000	2-10026/0499	01/13/77	10	67	22.1	144.0	GGGF		32	34
10020N	3723N	2542-16325	00000/0000	2-10020/1021	07/17/76	10	7557	56.7	109.8	GGGG		32	34
10020N	3307N	2631-16254	00000/0000	2-10023/0928	10/14/76	10	8798	39.5	139.7	GGGG		31	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0612

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10020W 3304N	2649-16251	00000/0000	2-10024/0275	11/01/76	0	9049	34.4	144.2	GGGG			31	37
10021W 4852N	2563-16461	00000/0000	2-10021/0637	08/07/76	10	7850	49.2	132.5	GGGG			35	26
10021W 4143N	2417-16405	00000/0000	2-10016/1127	03/14/76	90	5814	37.1	137.9	FGGG			33	31
10021W 4137N	2507-16382	00000/0000	2-10019/0871	06/12/76	20	7069	58.5	116.2	GGGG			33	31
10021W 3729N	2596-16312	00000/0000	2-10022/0729	09/09/76	30	8310	46.6	130.3	GGGG			32	34
10021W 3729N	2744-16272	00000/0000	2-10025/1586	12/26/76	0	9816	21.4	146.9	GGGG			32	34
10021W 3719N	2524-16332	00000/0000	2-10020/0196	06/29/76	10	7306	58.6	107.3	GGGG			32	34
10021W 3257N	2379-16325	00000/0000	2-10015/0516	02/05/76	90	5284	30.4	139.6	FFFF			31	37
10022W 4856N	2707-16410	00000/0000	2-10026/0069	12/29/76	90	9858	12.9	151.3	GGGG			35	26
10022W 4848N	2419-16501	00000/0000	2-10016/1214	03/16/76	10	5842	33.4	143.3	GGFG			35	26
10022W 2733N	2450-16254	00000/0000	2-10017/1380	04/16/76	10	6274	54.1	112.0	GGGG			30	41
10023W 4854N	2725-16432	00000/0000	2-10026/0588	01/16/77	10	109	14.4	148.6	GGGG			35	26
10023W 4141N	2615-16351	00000/0000	2-10023/0076	09/28/76	10	8575	38.7	141.4	GGGG			33	31
10023W 4137N	2633-16344	00000/0000	2-10023/1000	10/16/76	50	8826	33.1	146.3	GGGG			33	31
10023W 3727N	2686-16280	00000/0000	2-10025/1104	12/08/76	0	9565	22.9	148.7	GFGF			32	34
10023W 3725N	2416-16362	00000/0000	2-10016/1114	03/13/76	0	5800	39.2	134.5	GGGG			32	34
10023W 3724N	2614-16305	00000/0000	2-10023/0097	09/27/76	100	8561	41.7	137.4	GGGG			32	34
10023W 2724N	2486-16255	00000/0000	2-10018/1409	05/22/76	10	6776	59.1	95.6	GGGG			30	41
10023W 2723N	2540-16242	00000/0000	2-10020/0962	07/15/76	90	7529	57.0	92.4	GGGG			30	41
10024W 4845N	2491-16451	00000/0000	2-10019/0212	05/27/76	70	6846	54.9	131.5	GGGG			35	26
10024W 4845N	2545-16464	00000/0000	2-10020/1184	07/20/76	10	7599	52.9	128.7	GGGG			35	26
10024W 4139N	2669-16332	00000/0000	2-10025/0487	11/21/76	50	9328	22.9	150.9	FGGG			33	31
10024W 4137N	2399-16412	00000/0000	2-10016/0354	02/25/76	0	5563	30.7	141.0	GGGF			33	31
10024W 3723N	2398-16365	00000/0000	2-10016/0335	02/24/76	10	5549	33.0	138.3	FG G			32	34
10024W 2727N	2558-16235	00000/0000	2-10021/0482	08/02/76	30	7780	55.5	98.9	GGGG			30	41
10024W 2722N	2504-16252	00000/0000	2-10019/0631	06/09/76	20	7027	59.2	90.5	GGGG			30	41
10025W 4851N	2599-16451	00000/0000	2-10022/0858	09/12/76	40	8352	39.1	142.8	GGGG			35	26
10025W 4849N	2617-16443	00000/0000	2-10023/0155	09/30/76	0	8603	33.2	147.6	GGGG			35	26
10025W 4848N	2689-16415	00000/0000	2-10025/1079	12/11/76	70	9607	13.8	153.4	GGGG			35	26
10025W 4841N	2509-16474	00000/0000	2-10019/0941	06/14/76	100	7097	56.1	128.3	GGGG			35	26
10025W 2730N	2432-16272	00000/0000	2-10017/0618	03/29/76	10	6023	49.2	119.6	GGGG			30	41
10025W 2730N	2576-16232	00000/0000	2-10022/0077	08/20/76	60	8031	53.6	107.7	GGGG			30	41
10025W 2729N	2702-16155	00000/0000	2-10025/1546	12/24/76	90	9788	28.6	142.5	GGGG			30	41
10026W 4842N	2527-16471	00000/0000	2-10020/0402	07/02/76	10	7348	55.3	127.2	GGGG			35	26
10026W 4125N	2381-16415	00000/0000	2-10015/0617	02/07/76	0	5312	25.3	144.0	GGGG			33	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0613

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RLLI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MBDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10026W 3723N	2668-16285	00000/0000	2-10025/0473	11/20/76	20	9314	26.4	148.8	PP			32	34
10026W 3721N	2650-16293	00000/0000	2-10024/0298	11/02/76	10	9063	31.1	147.0	GGGG			32	34
10026W 2728N	2720-16181	00000/0000	2-10026/0439	01/11/77	100	39	28.6	139.5	GGGG			30	41
10027W 4845N	2671-16423	00000/0000	2-10025/0562	11/23/76	90	9356	16.9	154.2	GGGG			35	26
10027W 4842N	2365-16513	00000/0000	2-10015/0134	01/22/76	90	5089	16.4	150.3	GGGG			35	26
10027W 4842N	2401-16504	00000/0000	2-10016/0500	02/27/76	60	5591	26.7	145.4	GGFG			35	26
10027W 3721N	2632-16301	00000/0000	2-10023/0966	10/15/76	10	8812	36.4	143.1	GGGG			32	34
10027W 2727N	2594-16225	00000/0000	2-10022/0646	09/07/76	10	8282	51.0	117.4	GGGG			30	41
10027W 2718N	2522-16245	00000/0000	2-10020/0104	06/27/76	20	7278	58.3	89.3	GGGG			30	41
10028W 2726N	2684-16194	00000/0000	2-10025/0999	12/06/76	70	9537	30.5	143.9	PGFG			30	41
10028W 2725N	2414-16275	00000/0000	2-10016/1040	03/11/76	80	5772	43.6	126.0	GGFG			30	41
10029W 3710N	2380-16372	00000/0000	2-10015/0576	02/06/76	40	5298	27.9	141.8	GGGG			32	34
10029W 2723N	2612-16222	00000/0000	2-10022/1414	09/25/76	50	8533	47.6	126.7	GGGG			30	41
10029W 2721N	2666-16202	00000/0000	2-10025/0363	11/18/76	100	9286	34.1	143.3	G GG			30	41
10029W 2720N	2648-16210	00000/0000	2-10024/0239	10/31/76	10	9035	38.6	140.2	GGGG			30	41
10030W 4842N	2635-16440	00000/0000	2-10023/1027	10/18/76	40	8854	27.2	151.3	FFGG			35	26
10030W 4840N	2653-16432	00000/0000	2-10025/0002	11/05/76	20	9105	21.6	153.6	GGGG			35	26
10030W 2721N	2396-16282	00000/0000	2-10016/0448	02/22/76	20	5521	38.1	131.6	GGGG			30	41
10031W 2719N	2630-16214	00000/0000	2-10023/1124	10/13/76	20	8784	43.3	134.6	GGGG			30	41
10032W 2717N	2378-16285	00000/0000	2-10015/0475	02/04/76	50	5270	33.7	136.4	FGFF			30	41
10034W 3150N	2451-16311	00000/0000	2-10017/1469	04/17/76	90	6288	53.2	117.8	GGGG			31	38
10035W 3148N	2469-16304	00000/0000	2-10018/0603	05/05/76	60	6539	57.2	110.4	GGGG			31	38
10036W 4443N	2454-16443	00000/0000	2-10017/1621	04/20/76	10	6330	48.7	133.9	GGGG			34	29
10037W 3151N	2577-16274	00000/0000	2-10021/1244	08/21/76	10	8045	52.6	114.4	GGGG			31	38
10038W 3146N	2433-16314	00000/0000	2-10017/0632	03/30/76	30	6037	47.9	124.3	GGGG			31	38
10038W 3141N	2487-16301	00000/0000	2-10018/1369	05/23/76	20	6790	59.2	103.0	GGGG			31	38
10038W 3141N	2541-16245	00000/0000	2-10020/0976	07/16/76	80	7543	57.2	99.9	GGGG			31	38
10039W 4441N	2580-16411	00000/0000	2-10021/1346	08/24/76	20	8087	47.1	132.3	GGGG			34	29
10039W 4438N	2436-16451	00000/0000	2-10017/0789	04/02/76	90	6079	42.5	137.2	FFFG			34	29
10039W 4436N	2472-16440	00000/0000	2-10018/0797	05/08/76	0	6581	53.6	129.6	FGGG			34	29
10039W 3147N	2703-16232	00000/0000	2-10025/1569	12/25/76	10	9802	25.5	144.4	FGGP			31	38
10039W 3140N	2505-16295	00000/0000	2-10019/0777	06/10/76	10	7041	59.6	98.1	GGGG			31	38
10040W 3144N	2685-16240	00000/0000	2-10025/1039	12/07/76	0	9551	27.3	146.1	GGGG			31	38
10040W 3138N	2523-16292	00000/0000	2-10020/0133	06/28/76	10	7292	58.7	97.0	GGGG			31	38
10041W 4436N	2562-16414	00000/0000	2-10021/0677	08/06/76	10	7836	51.3	126.4	GGGG			34	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0614

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
10041W 3147N	2721-16223	00000/0000 2-10026/0465	01/12/77	100	53	25.9	141.5					
10041W 3145N	2595-16272	00000/0000 2-10027/0683	09/08/76	40	8296	49.4	123.2	GGGG			31	38
10041W 3140N	2415-16322	00000/0000 2-10016/1150	03/12/76	40	5786	41.9	129.7	GGGG			31	38
10042W 4441N	2706-16364	00000/0000 2-10026/0057	12/28/76	90	9844	16.1	149.7	PPF			34	29
10042W 4439N	2724-16360	00000/0000 2-10025/0565	01/15/77	10	95	17.3	146.8	GGGG			34	29
10042W 4431N	2490-16434	00000/0000 2-10019/0180	05/26/76	10	6832	56.7	124.9	GGGG			34	29
10043W 4434N	2688-16372	00000/0000 2-10024/1163	12/10/76	0	9593	17.2	151.6	GGGG			34	29
10043W 4429N	2544-16421	00000/0000 2-10020/1214	07/19/76	80	7585	54.7	121.9	GGGG			34	29
10043W 3609N	2452-16354	00000/0000 2-10017/1545	04/18/76	10	6302	52.0	123.5	GGGG			32	35
10043W 2605N	2468-16264	00000/0000 2-10018/0578	05/04/76	40	6525	57.6	101.2	GGGG			30	42
10044W 4438N	2598-16404	00000/0000 2-10022/0771	09/11/76	0	8338	42.1	138.5	GGGG			34	29
10044W 4431N	2418-16454	00000/0000 2-10016/1203	03/15/76	40	5828	35.8	140.0	GGGG			34	29
10044W 4431N	2526-16424	00000/0000 2-10020/0299	07/01/76	10	7334	56.9	120.1	GGGG			34	29
10044W 4029N	2453-16430	00000/0000 2-10017/1388	04/19/76	60	6316	50.5	128.8	GGGG			33	32
10044W 3601N	2470-16351	00000/0000 2-10018/0616	05/06/76	0	6553	56.4	116.9	GGGG			32	35
10044W 3141N	2667-16245	00000/0000 2-10025/0453	11/19/76	50	9300	30.8	145.8	GGGG			31	38
10044W 3139N	2649-16253	00000/0000 2-10024/0276	11/01/76	10	9049	35.4	143.3	GGGG			31	38
10044W 3138N	2397-16325	00000/0000 2-10016/0288	02/23/76	0	5535	36.1	134.5	GGGG			31	38
10045W 4426N	2508-16431	00000/0000 2-10019/0803	06/13/76	10	7083	57.7	121.1	GGGG			34	29
10045W 4027N	2579-16364	00000/0000 2-10021/1290	08/23/76	0	8073	49.3	126.8	GGGG			33	32
10045W 3607N	2578-16321	00000/0000 2-10021/1302	08/22/76	10	8059	51.2	120.8	GGGG			32	35
10045W 3605N	2434-16361	00000/0000 2-10017/0645	03/31/76	20	6051	46.3	128.8	GGGG			32	35
10045W 3559N	2488-16344	00000/0000 2-10018/1237	05/24/76	60	6804	58.9	110.5	GGGG			32	35
10045W 3141N	2631-16261	00000/0000 2-10023/0929	10/14/76	80	8798	40.4	138.6	GGGG			31	38
10046W 4434N	2616-16401	00000/0000 2-10023/0173	09/29/76	0	8589	36.5	144.0	GGGG			34	29
10046W 4427N	2400-16461	00000/0000 2-10016/0469	02/26/76	10	5577	29.2	142.7	GGGG			34	29
10046W 4021N	2471-16394	00000/0000 2-10018/0765	05/07/76	30	6567	55.2	123.4	GGGG			33	32
10046W 2606N	2450-16271	00000/0000 2-10017/1381	04/16/76	10	6274	54.4	109.9	GGGG			30	42
10046W 2558N	2486-16261	00000/0000 2-10018/1410	05/22/76	10	6776	59.0	93.1	GGGG			30	42
10046W 2557N	2540-16245	00000/0000 2-10020/0963	07/15/76	80	7529	56.8	90.1	GGGG			30	42
10047W 4429N	2670-16381	00000/0000 2-10025/0549	11/22/76	100	9342	20.5	152.2	GGGG			34	29
10047W 4427N	2634-16393	00000/0000 2-10023/0976	10/17/76	70	8840	30.7	148.4	GGGG			34	29
10047W 4014N	2489-16391	00000/0000 2-10019/0036	05/25/76	90	6818	58.0	117.8	GGFF			33	32
10047W 3605N	2722-16270	00000/0000 2-10026/0500	01/13/77	10	67	23.1	143.3	GGGG			32	35
10047W 3603N	2560-16324	00000/0000 2-10021/0599	08/04/76	10	7808	54.4	113.2	GGGG			32	35

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0615

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ( )	MICROFILM POSITION RBV	ROLL NO./ IN RLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10047	3557N	2542-16332	00000/0000	2-10020/1022	07/17/76	10	7557	56.9	107.4	GGGG				32	35
10047	3131N	2379-16332	00000/0000	2-10015/0517	02/05/76	80	5284	31.3	138.8	FFFF				31	38
10047	2604N	2576-16234	00000/0000	2-10022/0078	05/20/76	70	8031	53.8	105.5	GGGG				30	42
10047	2602N	2558-16241	00000/0000	2-10021/0483	08/02/76	10	7780	55.4	96.6	GGGG				30	42
10048	4025N	2705-16321	00000/0000	2-10026/0027	12/27/76	70	9830	19.2	148.0	GGGG				33	32
10048	3554N	2524-16335	00000/0000	2-10020/0197	06/29/76	40	7306	58.7	104.7	GGGG				32	35
10048	2604N	2432-16274	00000/0000	2-10017/0619	03/29/76	30	6023	49.7	117.9	FGGG				30	42
10048	2557N	2504-16255	00000/0000	2-10019/0532	06/09/76	20	7027	58.9	88.0	GGGG				30	42
10049	4023N	2723-16313	00000/0000	2-10026/0539	01/14/77	0	81	20.2	145.1	GGGG				33	32
10049	4020N	2435-16404	00000/0000	2-10017/0874	04/01/76	0	6065	44.5	133.1	GGGG				33	32
10049	4018N	2561-16371	00000/0000	2-10021/0579	08/05/76	10	7822	53.1	120.0	GGGG				33	32
10049	4015N	2543-16374	00000/0000	2-10020/0891	07/18/76	10	7571	56.0	114.9	GGGG				33	32
10049	3604N	2704-16274	00000/0000	2-10025/1587	12/26/76	0	9816	22.4	146.3	GGGG				32	35
10049	3603N	2596-16314	00000/0000	2-10022/0730	09/09/76	70	8310	47.2	128.8	GGGG				32	35
10049	3601N	2636-16283	00000/0000	2-10025/1105	12/08/76	0	9565	34.0	148.0	GGGF				32	35
10049	3556N	2506-16342	00000/0000	2-10019/0893	06/11/76	10	7055	59.5	105.9	GGG				32	35
10049	2602N	2720-16183	00000/0000	2-10026/0440	01/11/77	80	39	29.6	138.7	GGGG				30	42
10050	4020N	2687-16330	00000/0000	2-10025/1138	12/09/76	10	9579	20.6	149.9	GGGG				33	32
10050	4012N	2525-16332	00000/0000	2-10020/0285	06/30/76	10	7320	58.0	112.5	GGGG				33	32
10050	3600N	2416-16365	00000/0000	2-10016/1115	03/13/76	0	5800	40.0	133.3	GGGG				32	35
10050	3559N	2614-16311	00000/0000	2-10023/0098	09/27/76	100	8561	42.6	136.1	GGGG				32	35
10050	2601N	2594-16231	00000/0000	2-10022/0647	09/07/76	10	8282	51.4	115.5	GGGG				30	42
10050	2553N	2622-16252	00000/0000	2-10020/0105	06/27/76	30	7278	58.0	86.9	GGGG				30	42
10051	4415N	2382-16464	00000/0000	2-10015/0646	02/08/76	10	5326	23.6	145.4	GGGG				34	29
10051	4019N	2597-16361	00000/0000	2-10022/0759	09/10/76	30	8324	44.8	133.8	GGGG				33	32
10051	4018N	2417-16411	00000/0000	2-10016/1128	03/14/76	90	5814	38.0	136.8	GGGG				33	32
10051	4012N	2507-16384	00000/0000	2-10019/0872	06/12/76	10	7069	58.8	113.6	GGGG				33	32
10051	2600N	2684-16200	00000/0000	2-10025/1000	12/06/76	50	9537	31.5	143.2	FFFF				30	42
10051	2559N	2414-16282	00000/0000	2-10016/1041	03/11/76	30	5772	44.2	124.7	GGGG				30	42
10052	2556N	2666-16205	00000/0000	2-10025/0380	11/18/76	100	9286	35.1	142.4	GGGG				30	42
10052	2554N	2648-16213	00000/0000	2-10024/0240	10/31/76	50	9035	39.5	139.2	GGGG				30	42
10053	4731N	2455-16493	00000/0000	2-10017/1635	04/21/76	90	6344	47.4	137.1	GGGG				35	27
10053	3558N	2668-16291	00000/0000	2-10025/0474	11/20/76	0	9314	27.4	148.1	GGGG				32	35
10053	3555N	2650-16300	00000/0000	2-10024/0299	11/02/76	0	9063	32.1	146.2	GGGG				32	35
10053	2557N	2612-16224	00000/0000	2-10022/1415	09/25/76	70	8533	48.2	125.1	GGGG				30	42

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0416

FOR ISS  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ IN ROLL MSR	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10054	4016N	2615-16354	00000/0000	2-10023/0077	09/28/76	10	8575	39.6	140.3	GGGG		33	32
10054	4014N	2669-16334	00000/0000	2-10025/0488	11/21/76	0	9328	24.0	150.2	GGGG		33	32
10054	4012N	2399-16415	00000/0000	2-10016/0355	02/25/76	0	5563	31.6	140.0	GGFG		33	32
10054	4012N	2633-16350	00000/0000	2-10023/0001	10/16/76	10	8826	34.1	145.4	GGGG		33	32
10054	3555N	2632-16304	00000/0000	2-10023/0967	10/15/76	70	8812	37.4	142.1	GGGG		32	35
10054	2555N	2396-16285	00000/0000	2-10016/0449	02/22/76	20	5521	38.9	130.4	FGFG		30	42
10054	2553N	2630-16221	00000/0000	2-10023/1125	10/13/76	30	8784	44.1	133.3	GGGG		30	42
10055	4728N	2473-16430	00000/0000	2-10018/0846	05/09/76	10	6595	52.4	133.4	GGGG		35	27
10055	4000N	2351-16422	00000/0000	2-10015/0618	02/07/76	0	5312	26.2	143.2	GGGG		33	32
10055	2551N	2378-16292	00000/0000	2-10015/0476	02/04/76	30	5270	34.5	135.5	GGGF		30	42
10056	3544N	2380-16375	00000/0000	2-10015/0577	02/06/76	100	5298	28.8	141.0	GGFG		32	35
10057	4733N	2581-16460	00000/0000	2-10021/1393	08/25/76	90	8101	45.3	136.0	GGGG		35	27
10057	4728N	2457-16500	00000/0000	2-10017/0840	04/03/76	0	6093	41.2	139.9	GGGG		35	27
10058	4727N	2563-16463	00000/0000	2-10021/0638	08/07/76	0	7850	49.9	130.6	GGGG		35	27
10058	4723N	2419-16503	00000/0000	2-10016/1215	03/16/76	30	5842	34.4	142.2	GGGG		35	27
10059	4731N	2707-16413	00000/0000	2-10026/0070	12/29/76	90	9858	14.0	150.7	GGGG		35	27
10059	4729N	2725-16405	00000/0000	2-10026/0589	01/16/77	10	109	15.4	148.0	GGGG		35	27
10059	3024N	2451-16314	00000/0000	2-10017/1470	04/17/76	100	6288	53.6	115.8	GGGG		31	39
10100	4720N	2491-16453	00000/0000	2-10019/0213	05/27/76	70	6846	55.6	129.2	GGGG		35	27
10100	3022N	2469-16311	00000/0000	2-10018/0604	05/05/76	50	6539	57.4	107.9	GGGG		31	39
10101	4721N	2545-16470	00000/0000	2-10020/1185	07/20/76	10	7599	52.0	126.5	GGGG		35	27
10102	4726N	2599-16453	00000/0000	2-10022/0859	09/12/76	40	8352	40.0	141.4	GGGG		35	27
10102	4724N	2617-16450	00000/0000	2-10023/0156	09/30/76	0	8603	34.2	146.5	GGGG		35	27
10102	4724N	2689-16421	00000/0000	2-10025/1080	12/11/76	80	9607	14.9	152.7	GGGG		35	27
10102	4718N	2527-16474	00000/0000	2-10020/0403	07/02/76	20	7348	55.8	124.8	GGGG		35	27
10102	4717N	2509-16480	00000/0000	2-10019/0942	06/14/76	90	7097	56.7	125.9	GGGG		35	27
10102	3025N	2577-16281	00000/0000	2-10021/1245	08/21/76	10	8045	53.0	112.4	GGGG		31	39
10102	3016N	2541-16291	00000/0000	2-10020/0977	07/16/76	90	7543	57.2	97.5	GGGG		31	39
10103	3020N	2433-16321	00000/0000	2-10017/0633	03/30/76	0	6037	48.5	122.6	GGGG		31	39
10103	3015N	2447-16304	00000/0000	2-10018/1370	05/23/76	10	6790	59.3	100.4	FGGG		31	39
10104	4721N	2671-16430	00000/0000	2-10025/0563	11/23/76	90	9356	18.0	153.6	GGGG		35	27
10104	4717N	2365-16515	00000/0000	2-10015/0135	01/22/76	40	5089	17.4	149.6	GGGG		35	27
10104	4717N	2401-16511	00000/0000	2-10016/0601	02/27/76	20	5591	27.7	144.4	GGFF		35	27
10104	3020N	2703-16234	00000/0000	2-10025/1570	12/25/76	20	9802	26.5	143.8	FGGF		31	39
10104	3018N	2685-16249	00000/0000	2-10025/1040	12/07/76	0	9551	28.3	145.4	GGFG		31	39

KEYS: CLOUD COVER : ..... U TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0417

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10104W	3014N	2505-16301	00000/0000	2-10019/0778	06/10/76	40	7041	59.5	95.5	GGGG		31	39
10104W	3012N	2523-16235	00000/0000	2-10020/0134	06/28/76	10	7292	58.6	94.4	GGGG		31	39
10106W	4717N	2635-16442	00000/0000	2-10023/1028	10/18/76	50	8854	28.3	150.4	GGGG		35	27
10106W	4716N	2653-16434	00000/0000	2-10025/0003	11/05/76	10	9105	22.7	152.8	GGGG		35	27
10106W	3021N	2721-16230	00000/0000	2-10026/0466	01/12/77	90	53	26.8	140.8	GGGG		31	39
10106W	3019N	2595-16274	00000/0000	2-10022/0684	09/08/76	30	8296	49.9	121.5	GGGG		31	39
10106W	3014N	2415-16324	00000/0000	2-10016/1151	03/12/76	20	5786	42.6	128.4	GGGG		31	39
10108W	4317N	2454-16450	00000/0000	2-10017/1622	04/20/76	10	6330	49.4	132.2	GGGG		34	30
10108W	3012N	2397-16332	00000/0000	2-10016/0289	02/23/76	0	5535	36.9	133.4	GGGG		31	39
10109W	3016N	2667-16251	00000/0000	2-10025/0454	11/19/76	40	9300	31.8	145.0	GGGG		31	39
10109W	3015N	2631-16263	00000/0000	2-10023/0930	10/14/76	70	8798	41.3	137.4	GGGG		31	39
10109W	3014N	2649-16260	00000/0000	2-10024/0277	11/01/76	10	9049	36.4	142.4	GGGG		31	39
10110W	3444N	2452-16360	00000/0000	2-10017/1546	04/18/76	20	6302	52.6	121.5	GGGG		32	36
10111W	5009N	2492-16532	00000/0000	2-10019/0257	05/28/76	10	6860	54.4	133.5	GGGG		36	25
10111W	4312N	2436-16453	00000/0000	2-10017/0730	04/02/76	40	6079	43.3	135.8	GGGG		34	30
10111W	4311N	2472-16443	00000/0000	2-10018/0798	05/08/76	0	6581	54.2	127.4	GGGG		34	30
10111W	3436N	2470-16353	00000/0000	2-10018/0617	05/06/76	10	6553	56.8	114.6	GGGG		32	36
10112W	5008N	2528-16523	00000/0000	2-10020/0470	07/03/76	20	7362	54.6	129.5	GGGG		36	25
10112W	4703N	2383-16514	00000/0000	2-10015/0662	02/09/76	40	5340	21.9	146.8	GGGG		35	27
10112W	4316N	2550-16413	00000/0000	2-10021/1347	08/24/76	30	8087	47.8	130.6	GGGG		34	30
10112W	3442N	2578-16324	00000/0000	2-10021/1303	08/22/76	20	8059	51.7	118.8	GGGG		32	36
10112W	3439N	2434-16364	00000/0000	2-10017/0646	03/31/76	10	6051	47.0	127.3	GGGG		32	36
10112W	3433N	2488-16351	00000/0000	2-10018/1238	05/24/76	70	6804	59.1	107.9	GGGG		32	36
10112W	3006N	2379-16334	00000/0000	2-10015/0518	02/05/76	80	5284	32.2	137.9	GGGG		31	39
10113W	5008N	2546-16520	00000/0000	2-10021/0027	07/21/76	10	7613	52.1	130.9	GGGG		36	25
10113W	4311N	2562-16420	00000/0000	2-10021/0679	08/06/76	10	7836	51.9	124.4	GGGG		34	30
10113W	3904N	2453-16403	00000/0000	2-10017/1389	04/19/76	40	6316	51.1	127.0	GGGG		33	33
10113W	3437N	2560-16331	00000/0000	2-10021/0600	08/04/76	20	7808	54.7	111.0	GGGG		32	36
10114W	4315N	2706-16370	00000/0000	2-10026/0058	12/28/76	80	9844	17.1	149.0	GGGG		34	30
10114W	3901N	2579-16370	00000/0000	2-10021/1291	08/23/76	10	8073	49.9	125.0	GGGG		33	33
10114W	3439N	2722-16273	00000/0000	2-10026/0501	01/13/77	10	67	24.0	142.6	GGGG		32	36
10114W	3432N	2542-16334	00000/0000	2-10020/1023	07/17/76	30	7557	57.0	105.0	GGGG		32	36
10114W	3428N	2524-16341	00000/0000	2-10020/0198	06/29/76	20	7306	58.7	102.1	GGGG		32	36
10115W	5007N	2366-16565	00000/0000	2-10015/0148	01/23/76	90	5103	15.5	150.8	GGGG		36	25
10115W	5007N	2636-16492	00000/0000	2-10023/1187	10/19/76	90	8868	25.8	152.4	GGGG		36	25

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0618

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
10115W	4314N	2724-16362	00000/0000	2-10026/0566	01/15/77	10	95	18.3	146.2	GGGG		34	30
10115W	4309N	2688-16375	00000/0000	2-10025/1164	12/10/76	20	9593	18.3	151.0	GGGG		34	30
10115W	4305N	2490-16440	00000/0000	2-10019/0181	05/26/76	20	6832	57.2	122.5	GGGG		34	30
10115W	4304N	2544-16424	00000/0000	2-10020/1215	07/19/76	60	7585	55.1	119.7	GGGG		34	30
10115W	3856N	2471-16420	00000/0000	2-10018/0766	05/07/76	30	6567	55.7	121.2	GGGG		33	33
10115W	3438N	2596-16321	00000/0000	2-10027/0731	09/09/76	90	8310	47.9	127.1	GGGG		32	36
10115W	3438N	2704-16281	00000/0000	2-10025/1588	12/26/76	0	9816	23.5	145.6	GGGG		32	36
10115W	3430N	2506-16344	00000/0000	2-10019/0894	06/11/76	10	7055	59.6	103.2	GGGG		32	36
10116W	4312N	2598-16410	00000/0000	2-10027/0772	09/11/76	0	8338	42.9	137.1	GGGG		34	30
10116W	4306N	2526-16431	00000/0000	2-10020/0300	07/01/76	10	7334	57.3	117.6	GGGG		34	30
10116W	4305N	2418-16461	00000/0000	2-10016/1204	03/15/76	30	5828	36.7	138.9	GGGG		34	30
10116W	3848N	2489-16394	00000/0000	2-10019/0087	05/25/76	100	6818	58.4	115.3	GGGF		33	33
10116W	3435N	2686-16285	00000/0000	2-10025/1106	12/08/76	0	9565	25.1	147.4	GGGF		32	36
10116W	3434N	2416-16371	00000/0000	2-10016/1116	03/13/76	40	5800	40.8	132.1	GGGG		32	36
10117W	5009N	2672-16475	00000/0000	2-10025/0592	11/24/76	50	9370	15.5	154.9	GGGG		36	25
10117W	5008N	2654-16483	00000/0000	2-10025/0016	11/06/76	20	9119	20.2	154.4	FGGG		36	25
10117W	4301N	2508-16434	00000/0000	2-10019/0804	06/13/76	20	7083	58.1	118.6	GGGG		34	30
10117W	3900N	2705-16324	00000/0000	2-10026/0028	12/27/76	30	9830	20.3	147.4	GGGG		33	33
10117W	3433N	2614-16314	00000/0000	2-10023/0099	09/27/76	90	8561	43.4	134.8	GGGG		32	36
10118W	4308N	2616-16403	00000/0000	2-10027/0174	09/29/76	0	8589	37.5	142.9	GGGG		34	30
10118W	4302N	2400-16464	00000/0000	2-10016/0470	02/26/76	40	5577	30.1	141.7	GGGG		34	30
10118W	3857N	2723-16315	00000/0000	2-10026/0540	01/14/77	0	81	21.2	144.4	GGGG		33	33
10118W	3854N	2435-16410	00000/0000	2-10017/0875	04/01/76	0	6065	45.3	131.6	GGGG		33	33
10118W	3853N	2561-16374	00000/0000	2-10021/0540	08/05/76	10	7822	53.5	117.8	GGGG		33	33
10118W	3850N	2543-16381	00000/0000	2-10020/0892	07/18/76	10	7571	56.3	112.5	GGGG		33	33
10118W	3432N	2398-16374	00000/0000	2-10016/0336	02/24/76	100	5549	34.7	136.3	GGGG		32	36
10119W	4304N	2670-16383	00000/0000	2-10025/0550	11/22/76	90	9342	21.6	151.6	FGGG		34	30
10119W	4302N	2634-16400	00000/0000	2-10023/0977	10/17/76	60	8840	31.8	147.5	GGGG		34	30
10119W	3847N	2525-16384	00000/0000	2-10020/0286	06/30/76	10	7320	58.3	110.0	GGGG		33	33
10119W	3433N	2668-16294	00000/0000	2-10025/0475	11/20/76	0	9314	28.5	147.4	GGGG		32	36
10120W	3854N	2597-16364	00000/0000	2-10022/0760	09/10/76	10	8324	45.6	132.3	FGGG		33	33
10120W	3854N	2687-16332	00000/0000	2-10025/1139	12/09/76	70	9579	21.7	149.2	GGGG		33	33
10120W	3852N	2417-16414	00000/0000	2-10016/1129	03/14/76	80	5814	38.8	135.6	GGGG		33	33
10120W	3846N	2507-16391	00000/0000	2-10019/0873	06/12/76	10	7069	59.1	111.0	FGGG		33	33
10120W	3430N	2650-16302	00000/0000	2-10024/0300	11/02/76	0	9043	33.1	145.3	GGGG		32	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, RAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0619

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10122N	4352N	2384-16563	00000/0000	2-10015/0709	02/10/76	80	5354	20.2	148.2	GGFF		36	25
10122N	3418N	2380-16381	00000/0000	2-10015/0578	02/06/76	100	5298	29.7	140.2	GGGG		32	36
10123N	4250N	2382-16471	00000/0000	2-10015/0647	02/08/76	10	5326	24.6	144.6	GGGG		34	30
10123N	3851N	2615-16360	00000/0000	2-10023/0078	09/28/76	20	8575	40.5	139.0	GGGG		33	33
10123W	3848N	2669-16341	00000/0000	2-10025/0489	11/21/76	0	9328	25.1	149.5	GGGG		33	33
10123W	3847N	2399-16421	00000/0000	2-10014/0356	02/25/76	0	5563	32.5	139.1	GGFF		33	33
10123W	3846N	2633-16353	00000/0000	2-10023/1002	10/16/76	10	8826	35.1	144.4	GGGG		33	33
10123N	2858N	2451-16320	00000/0000	2-10017/1471	04/17/76	70	6288	54.0	113.7	GGGG		31	40
10124N	3835N	2381-16424	00000/0000	2-10015/0619	02/07/76	0	5312	27.2	142.4	GGGG		33	33
10124N	2856N	2469-16313	00000/0000	2-10018/0605	05/05/76	40	6539	57.5	105.5	GGGG		31	40
10126N	2858N	2577-16283	00000/0000	2-10021/1246	08/21/76	20	8045	53.3	110.3	GGGG		31	40
10126N	2851N	2541-16294	00000/0000	2-10020/0978	07/16/76	90	7543	57.1	95.1	GGGG		31	40
10127N	2850N	2487-16310	00000/0000	2-10018/1371	05/23/76	10	6790	59.2	97.8	GGGG		31	40
10127W	2848N	2505-16304	00000/0000	2-10019/0779	06/10/76	40	7041	59.3	92.9	GGGG		31	40
10128W	2854N	2433-16323	00000/0000	2-10017/0634	03/30/76	0	6037	49.0	120.9	GGGG		31	40
10129N	4606N	2455-16495	00000/0000	2-10017/1636	04/21/76	90	6344	48.2	135.4	GGGG		35	28
10129N	2852N	2685-16245	00000/0000	2-10025/1041	12/07/76	0	9551	29.4	144.6	GGFG		31	40
10129N	2846N	2523-16301	00000/0000	2-10020/0135	06/28/76	20	7292	58.4	91.9	GGGG		31	40
10130W	4603N	2473-16492	00000/0000	2-10018/0847	05/09/76	0	6595	53.1	131.4	GGGG		35	28
10130W	2854N	2721-16232	00000/0000	2-10026/0467	01/12/77	90	53	27.8	140.0	GGGG		31	40
10130N	2852N	2595-16281	00000/0000	2-10027/0685	09/08/76	60	8296	50.4	119.7	GGGG		31	40
10131N	2849N	2415-16331	00000/0000	2-10016/1152	03/12/76	10	5786	43.3	127.1	GGGG		31	40
10132N	4608N	2581-16462	00000/0000	2-10021/1394	08/25/76	20	8101	46.1	134.4	GGGG		35	28
10132W	4603N	2437-16502	00000/0000	2-10017/0841	04/03/76	10	6093	42.0	138.5	GGGG		35	28
10132W	2846N	2397-16334	00000/0000	2-10016/0290	02/23/76	0	5535	37.7	132.4	GGGG		31	40
10133N	4602N	2563-16470	00000/0000	2-10021/0639	08/07/76	10	7850	50.5	128.7	GGGG		35	28
10133W	2848N	2649-16262	00000/0000	2-10024/0278	11/01/76	30	9049	37.4	141.4	GGGG		31	40
10134W	4605N	2707-16415	00000/0000	2-10026/0071	12/29/76	80	9858	15.0	150.1	GGGG		35	28
10134N	4558N	2419-16510	00000/0000	2-10016/1216	03/16/76	70	5842	35.3	141.1	GGGG		35	28
10134N	2850N	2613-16273	00000/0000	2-10023/0038	09/26/76	20	8547	46.7	128.8	GGGG		31	40
10135W	4556N	2491-16490	00000/0000	2-10019/0214	05/27/76	10	6846	56.2	126.9	GGGG		35	28
10135N	3317N	2452-16363	00000/0000	2-10017/1547	04/18/76	20	6302	53.0	119.5	GGGG		32	37
10136W	4555N	2545-16473	00000/0000	2-10020/1186	07/20/76	10	7599	54.0	124.4	GGGG		35	28
10136W	3309N	2470-16360	00000/0000	2-10018/0618	05/06/76	30	6553	57.1	112.2	GGGG		32	37
10136W	2839N	2379-16341	00000/0000	2-10015/0519	02/05/76	60	5284	33.1	137.0	FFGF		31	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0620

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RPLI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10137W	4601N	2599-16460	00000/0000	2-10022/0860	09/12/76	60	8352	40.9	140.1	GGGG		35	28
10137W	4559N	2617-16452	00000/0000	2-10023/0157	09/30/76	0	8603	35.2	145.4	GGGG		35	28
10137W	4558N	2689-16424	00000/0000	2-10025/1081	12/11/76	70	9607	16.0	152.1	GGGG		35	28
10137W	4554N	2527-16480	00000/0000	2-10020/0404	07/02/76	20	7348	56.4	122.5	GGGG		35	28
10137W	4552N	2509-16483	00000/0000	2-10019/0943	06/14/76	90	7097	57.2	123.5	GGGG		35	28
10138W	3316N	2578-16330	00000/0000	2-10021/1304	08/22/76	10	8059	52.1	116.9	GGGG		32	37
10138W	3313N	2434-16370	00000/0000	2-10017/0647	03/31/76	0	6051	47.6	125.6	GGGG		32	37
10138W	3306N	2488-16353	00000/0000	2-10018/1239	05/24/76	20	6804	59.2	105.3	GGGG		32	37
10139W	4556N	2671-16432	00000/0000	2-10025/0564	11/23/76	70	9356	19.1	152.9	GGGF		35	28
10139W	4552N	2355-16522	00000/0000	2-10015/0136	01/22/76	10	5089	18.5	148.9	GGGG		35	28
10139W	4552N	2401-16513	00000/0000	2-10016/0502	02/27/76	50	5591	28.6	143.5	GGFG		35	28
10139W	4152N	2454-16452	00000/0000	2-10017/1623	04/20/76	10	6330	50.1	130.4	GGGG		34	31
10139W	3312N	2560-16333	00000/0000	2-10021/0601	08/04/76	10	7808	54.9	108.8	FGGG		32	37
10139W	3306N	2542-16341	00000/0000	2-10020/1024	07/17/76	60	7557	57.1	102.6	GGGG		32	37
10140W	3738N	2453-16405	00000/0000	2-10017/1552	04/19/76	40	6316	51.7	125.1	GGGG		33	34
10140W	3313N	2722-16275	00000/0000	2-10026/0502	01/13/77	50	67	25.0	142.0	GGGG		32	37
10140W	3301N	2524-16344	00000/0000	2-10020/0199	06/29/76	10	7306	58.7	99.6	GGGG		32	37
10141W	4552N	2635-16445	00000/0000	2-10023/1029	10/18/76	100	8854	29.4	149.5	FGGG		35	28
10141W	4551N	2653-16441	00000/0000	2-10025/0004	11/05/76	10	9105	23.8	152.1	GGGG		35	28
10141W	3312N	2596-16323	00000/0000	2-10022/0732	09/09/76	90	8310	48.5	125.5	GGGF		32	37
10141W	3312N	2704-16283	00000/0000	2-10025/1589	12/26/76	0	9816	24.5	145.0	GGGG		32	37
10141W	3309N	2686-16292	00000/0000	2-10025/1107	12/08/76	0	9565	26.1	146.7	GGGF		32	37
10141W	3304N	2506-16351	00000/0000	2-10019/0895	06/11/76	10	7055	59.6	100.6	GGGG		32	37
10142W	4147N	2436-16460	00000/0000	2-10017/0791	04/02/76	10	6079	44.1	134.4	GGFG		34	31
10142W	3735N	2579-16373	00000/0000	2-10021/1292	08/23/76	10	8073	50.5	123.1	GGGG		33	34
10142W	3308N	2416-16374	00000/0000	2-10014/1117	03/13/76	80	5800	41.5	130.8	GGGG		32	37
10143W	4855N	2456-16544	00000/0000	2-10018/0064	04/22/76	80	6358	47.0	138.6	GG		36	26
10143W	4150N	2580-16420	00000/0000	2-10021/1348	08/24/76	30	8087	48.4	128.9	GGGG		34	31
10143W	4145N	2472-16445	00000/0000	2-10018/0799	05/08/76	0	6581	54.8	125.3	GGGG		34	31
10143W	3730N	2471-16403	00000/0000	2-10018/0767	05/07/76	30	6567	56.1	118.9	GGGG		33	34
10144W	4145N	2562-16423	00000/0000	2-10021/0680	08/06/76	10	7836	52.4	122.4	GGGG		34	31
10144W	3307N	2614-16320	00000/0000	2-10023/0100	09/27/76	80	8561	44.2	133.5	GGGG		32	37
10144W	3306N	2398-16381	00000/0000	2-10016/0337	02/24/76	90	5549	35.6	135.3	GGGG		32	37
10145W	4854N	2438-16552	00000/0000	2-10017/0979	04/04/76	0	6107	40.7	141.2	GGGG		36	26
10145W	4149N	2706-16373	00000/0000	2-10026/0059	12/28/76	10	9844	18.2	148.4	GGG		34	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US

PAGE 0621

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10145N 3734N	2705-16330	00000/0000	2-10026/0029	12/27/76	70	9830	21.3	146.8	GGGF			33	34
10145N 3722N	2489-16400	00000/0000	2-10019/0088	05/25/76	70	6818	58.7	112.7	GGGG			33	34
10145N 3307N	2668-16300	00000/0000	2-10025/0476	11/20/76	0	9314	29.5	146.6	GGPG			32	37
10145N 3304N	2650-16305	00000/0000	2-10024/0301	11/02/76	0	9063	34.2	144.4	GGGG			32	37
10146N 4851N	2474-16541	00000/0000	2-10018/1011	05/10/76	0	6609	51.9	135.2	GGGG			36	26
10146N 4148N	2724-16365	00000/0000	2-10026/0567	01/15/77	60	95	19.3	145.6	GGG			34	31
10146N 4140N	2490-16442	00000/0000	2-10019/0182	05/26/76	50	6832	57.7	120.1	GGGG			34	31
10146N 4139N	2544-16430	00000/0000	2-10029/1216	07/19/76	50	7585	55.6	117.4	GGGG			34	31
10146N 3728N	2435-16413	00000/0000	2-10017/0876	04/01/76	0	6065	46.0	130.1	GGGG			33	34
10146N 3724N	2543-16383	00000/0000	2-10027/0893	07/18/76	10	7571	56.6	110.1	GGGG			33	34
10147N 4539N	2383-16520	00000/0000	2-10015/0663	02/09/76	90	5340	22.9	146.0	FGGG			35	28
10147N 4146N	2598-16413	00000/0000	2-10027/0773	09/11/76	0	8338	43.7	135.6	GGGG			34	31
10147N 4144N	2688-16381	00000/0000	2-10025/1165	12/10/76	30	9593	19.4	150.4	GGGG			34	31
10147N 4140N	2418-16463	00000/0000	2-10016/1205	03/15/76	70	5828	37.5	137.7	GGGG			34	31
10147N 4140N	2526-16433	00000/0000	2-10020/0301	07/01/76	10	7334	57.7	115.1	GGGG			34	31
10147N 3731N	2723-16322	00000/0000	2-10026/0541	01/14/77	40	81	22.2	143.8	GGGG			33	34
10147N 3727N	2561-16380	00000/0000	2-10021/0581	08/05/76	10	7822	53.9	115.7	GGGG			33	34
10147N 3721N	2525-16391	00000/0000	2-10020/0287	06/30/76	20	7320	58.5	107.4	GGGG			33	34
10147N 2731N	2451-16323	00000/0000	2-10017/1472	04/17/76	10	6288	54.3	111.6	FGGG			31	41
10148N 4857N	2562-16512	00000/0000	2-10027/0159	08/26/76	40	8115	44.2	137.8	GGGG			36	26
10148N 4855N	2708-16465	00000/0000	2-10026/0083	12/30/76	80	9872	12.9	151.2	GGGG			36	26
10148N 4850N	2564-16515	00000/0000	2-10021/0818	08/08/76	20	7864	49.0	132.7	GGGG			36	26
10148N 4135N	2508-16440	00000/0000	2-10019/0805	06/13/76	10	7083	58.5	116.0	GGGG			34	31
10148N 3728N	2597-16370	00000/0000	2-10027/0761	09/10/76	40	8324	46.3	130.7	GGGG			33	34
10148N 3728N	2687-16335	00000/0000	2-10025/1140	12/09/76	60	9579	22.8	148.6	GGGG			33	34
10148N 3726N	2417-16420	00000/0000	2-10016/1130	03/14/76	70	5814	39.6	134.3	GGGG			33	34
10148N 3720N	2507-16393	00000/0000	2-10019/0874	06/12/76	0	7069	59.3	108.4	GGGG			33	34
10148N 3253N	2380-16384	00000/0000	2-10015/0579	02/06/76	100	5298	30.7	139.4	GGGG			32	37
10148N 2730N	2469-16320	00000/0000	2-10018/0606	05/05/76	20	6539	57.6	103.1	GGGG			31	41
10149N 4854N	2726-16460	00000/0000	2-10026/0739	01/17/77	0	123	14.5	148.5	GGGG			36	26
10149N 4849N	2600-16505	00000/0000	2-10027/0965	09/13/76	90	8366	38.8	143.0	GGGG			36	26
10149N 4845N	2492-16535	00000/0000	2-10019/0258	05/28/76	10	6860	55.1	131.3	GGGG			36	26
10149N 4143N	2616-16410	00000/0000	2-10023/0175	09/29/76	0	8589	38.4	141.8	GGGG			34	31
10149N 4136N	2400-16470	00000/0000	2-10016/0471	02/26/76	80	5577	31.0	140.8	GGGG			34	31
10149N 2725N	2541-16300	00000/0000	2-10020/0979	07/16/76	90	7543	56.9	92.7	GGGG			31	41

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0622

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10150W	4851N	2690-16473	03000/0000	2-10025/1175	12/12/76	40	9621	15.7	153.3	GGGG				36	26
10150W	4848N	2420-16555	03000/0000	2-10017/0176	03/17/76	80	5856	33.8	143.2	GGGG				36	26
10150W	4844N	2528-16525	03000/0000	2-10020/0471	07/03/76	60	7362	55.2	127.2	GGGG				36	26
10150W	4138N	2670-16390	03000/0000	2-10025/0551	11/22/76	70	9342	22.7	150.9	FFGG				34	31
10150W	4137N	2634-16402	03000/0000	2-10023/0978	10/17/76	80	8840	32.8	146.6	GGGG				34	31
10150W	2732N	2577-16290	03000/0000	2-10021/1247	08/21/76	30	8045	53.5	108.2	GGGG				31	41
10150W	2724N	2487-16313	03000/0000	2-10018/1372	05/23/76	10	6790	59.1	95.2	GGGG				31	41
10150W	2722N	2505-16310	03000/0000	2-10019/0780	06/10/76	20	7041	59.1	90.3	GGGG				31	41
10151W	4843N	2546-16522	03000/0000	2-10021/0028	07/21/76	10	7613	52.7	128.8	GGGG				36	26
10151W	3725N	2615-16363	03000/0000	2-10023/0079	09/28/76	40	8575	41.4	137.8	GGGG				33	34
10151W	3722N	2669-16343	03000/0000	2-10025/0490	11/21/76	40	9328	26.1	148.8	GGGG				33	34
10151W	3721N	2399-16424	03000/0000	2-10016/0357	02/25/76	0	5563	33.4	138.1	GGGG				33	34
10151W	3721N	2633-16355	03000/0000	2-10023/1003	10/16/76	10	8826	36.1	143.4	GGGG				33	34
10151W	2728N	2433-16330	03000/0000	2-10017/0635	03/30/76	10	6037	49.5	119.2	GGGG				31	41
10152W	4847N	2618-16502	03000/0000	2-10023/0312	10/01/76	10	8617	32.9	147.8	GGGG				36	26
10152W	4842N	2366-16571	03000/0000	2-10015/0149	01/23/76	70	5103	16.6	150.1	GGGG				36	26
10152W	3710N	2381-16431	03000/0000	2-10015/0620	02/07/76	30	5312	28.1	141.6	GGGG				33	34
10152W	2720N	2523-16304	03000/0000	2-10020/0136	06/28/76	10	7292	58.2	89.5	GGGG				31	41
10153W	2726N	2685-16252	03000/0000	2-10025/1042	12/07/76	10	9551	30.4	143.9	GGGG				31	41
10154W	4842N	2636-16494	03000/0000	2-10023/1188	10/19/76	70	8868	26.9	151.5	GGGG				36	26
10154W	4125N	2382-16473	03000/0000	2-10015/0648	02/08/76	0	5326	25.6	143.8	GGGG				34	31
10154W	2728N	2721-16235	03000/0000	2-10026/0468	01/12/77	60	53	28.7	139.3	GGGG				31	41
10154W	2726N	2595-16243	03000/0000	2-10022/0686	09/08/76	10	8296	50.9	117.9	GGGG				31	41
10154W	2723N	2415-16333	03000/0000	2-10016/1153	03/12/76	20	5786	43.9	125.7	GGGG				31	41
10155W	4844N	2672-16482	03000/0000	2-10025/0593	11/24/76	70	9370	16.7	154.2	GGGG				36	26
10155W	4843N	2654-16490	03000/0000	2-10025/0017	11/06/76	40	9119	21.3	153.7	GGGG				36	26
10155W	4840N	2402-16562	03000/0000	2-10016/0545	02/28/76	100	5605	27.1	145.2	FFGG				36	26
10156W	2721N	2397-16341	03000/0000	2-10016/0291	02/23/76	0	5535	38.4	131.2	GGGG				31	41
10157W	2721N	2649-16265	03000/0000	2-10024/0279	11/01/76	70	9049	38.3	140.4	GGGG				31	41
10158W	2724N	2613-16280	03000/0000	2-10023/0039	09/26/76	10	8547	47.3	127.2	GGGG				31	41
10200W	4828N	2384-16570	03000/0000	2-10015/0710	02/10/76	30	5354	21.2	147.4	GGGG				36	26
10200W	3151N	2452-16365	03000/0000	2-10017/1548	04/18/76	0	6302	53.5	117.5	GGGG				32	38
10200W	2713N	2379-16343	03000/0000	2-10015/0520	02/05/76	50	5284	33.9	136.1	FFGG				31	41
10202W	4441N	2455-16502	03000/0000	2-10017/1637	04/21/76	40	6344	49.0	133.6	GGGG				35	29
10202W	3144N	2470-16362	03000/0000	2-10018/0619	05/06/76	60	6553	57.3	109.8	GGGG				32	38

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0623

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10203W	3151N	2578-16333	00000/0000	2-10021/1305	08/22/76	10	8059	52.5	114.9	GGGG		32	38
10203W	3147N	2434-16373	00000/0000	2-10017/0648	03/31/76	0	6051	48.2	124.0	GGGG		32	38
10203W	3140N	2438-16360	00000/0000	2-10018/1240	05/24/76	30	6804	59.3	102.7	GGGG		32	38
10204W	4437N	2473-16495	00000/0000	2-10018/0848	05/09/76	0	6595	53.8	129.3	GGGG		35	29
10204W	3147N	2560-16340	00000/0000	2-10021/0602	08/04/76	10	7808	55.1	106.5	GGGG		32	38
10205W	4438N	2437-16505	00000/0000	2-10017/0842	04/03/76	30	6093	42.9	137.1	GGFG		35	29
10205W	3141N	2542-16343	00000/0000	2-10020/1025	07/17/76	80	7557	57.1	100.1	GGGG		32	38
10205W	3135N	2524-16350	00000/0000	2-10020/0200	06/29/76	10	7306	58.7	97.0	GGGG		32	38
10206W	4443N	2581-16465	00000/0000	2-10021/1395	08/25/76	10	8101	46.8	132.7	GGGG		35	29
10206W	3147N	2596-16330	00000/0000	2-10022/0733	09/09/76	90	8310	49.1	123.8	GGGG		32	38
10206W	3147N	2722-16282	00000/0000	2-10026/0503	01/13/77	90	67	26.0	141.3	GGGG		32	38
10206W	3146N	2704-16290	00000/0000	2-10025/1590	12/26/76	20	9816	25.5	144.3	GGGG		32	38
10206W	3139N	2506-16353	00000/0000	2-10019/0896	06/11/76	40	7055	59.6	97.9	GGGG		32	38
10207W	4437N	2563-16472	00000/0000	2-10021/0640	08/07/76	10	7850	51.1	126.7	GGGG		35	29
10207W	4432N	2419-16512	00000/0000	2-10016/1217	03/16/76	80	5842	36.2	139.9	GGFG		35	29
10207W	3612N	2453-16412	00000/0000	2-10017/1553	04/19/76	70	6316	52.3	123.2	GGGG		33	35
10207W	3143N	2686-16294	00000/0000	2-10025/1108	12/08/76	0	9565	27.2	145.0	GGG		32	38
10208W	4440N	2707-16422	00000/0000	2-10026/0072	12/29/76	30	9858	16.1	149.5	GGGG		35	29
10208W	4430N	2491-16492	00000/0000	2-10019/0215	05/27/76	10	6846	56.8	124.6	GGGG		35	29
10208W	3142N	2416-16330	00000/0000	2-10016/1118	03/13/76	90	5800	42.2	129.5	GGGG		32	38
10209W	4430N	2545-16475	00000/0000	2-10020/1187	07/20/76	80	7599	54.5	122.1	GGGG		35	29
10209W	4026N	2454-16455	00000/0000	2-10017/1624	04/20/76	10	6330	50.8	128.5	GGGG		34	32
10209W	3141N	2614-16323	00000/0000	2-10023/0101	09/27/76	50	8561	45.0	132.1	GGGG		32	38
10209W	3140N	2398-16383	00000/0000	2-10016/0338	02/24/76	80	5549	36.4	134.3	GGFG		32	38
10210W	4435N	2599-16462	00000/0000	2-10022/0861	09/12/76	30	8352	41.8	138.8	GGGG		35	29
10210W	4434N	2617-16455	00000/0000	2-10023/0158	09/30/76	0	8603	36.2	144.3	GGGG		35	29
10210W	4433N	2639-16430	00000/0000	2-10025/1082	12/11/76	70	9607	17.1	151.5	GGGG		35	29
10210W	4429N	2527-16483	00000/0000	2-10020/0405	07/02/76	70	7348	56.8	120.0	GGGG		35	29
10210W	4427N	2509-16485	00000/0000	2-10019/0944	06/14/76	100	7097	57.7	121.0	GGGG		35	29
10210W	3609N	2579-16375	00000/0000	2-10021/1293	08/23/76	30	8073	51.0	121.3	GGGG		33	35
10210W	3603N	2471-16405	00000/0000	2-10018/0768	05/07/76	60	6567	56.6	116.6	GGGG		33	35
10210W	3141N	2668-16303	00000/0000	2-10025/0477	11/20/76	0	9314	30.6	145.9	GGG		32	38
10210W	3139N	2650-16311	00000/0000	2-10024/0302	11/02/76	0	9063	35.2	143.5	GGGG		32	38
10212W	4431N	2671-16435	00000/0000	2-10025/0565	11/23/76	10	9356	20.2	152.3	GGGG		35	29
10212W	4021N	2436-16462	00000/0000	2-10017/0792	04/02/76	40	6079	44.9	132.9	GGFG		34	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
COORDINATE LISTING  
FOR LIS  
FROM 01/22/76 TO 01/22/77

PAGE 0624

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10212W	3557N	2489-164C3	00000/0000	2-10019/0089	05/25/76	80	6818	58.9	110.1	GGGG		33	35
10213W	4428N	2401-16520	00000/0000	2-10016/0503	02/27/76	90	5591	29.5	142.5	GGFF		35	29
10213W	4024N	2530-16422	00000/0000	2-10021/1349	08/24/76	30	8087	49.1	127.2	GGGG		34	32
10213W	4019N	2472-16452	00000/0000	2-10018/0800	05/08/76	20	6581	55.4	123.1	GGGG		34	32
10213W	3608N	2705-16333	00000/0000	2-10026/0030	12/27/76	60	9830	22.4	146.1	GGGG		33	35
10213W	3559N	2543-16390	00000/0000	2-10020/0894	07/18/76	10	7571	56.8	107.7	GGGG		33	35
10214W	4426N	2653-16443	00000/0000	2-10025/0005	11/05/76	10	9105	24.9	151.3	GGGG		35	29
10214W	4020N	2562-16425	00000/0000	2-10021/0681	08/06/76	20	7836	52.9	120.3	GGGG		34	32
10214W	3605N	2723-16324	00000/0000	2-10024/0542	01/14/77	20	81	23.2	143.1	GGGG		33	35
10214W	3603N	2435-16415	00000/0000	2-10017/0877	04/01/76	0	6065	46.7	128.5	GGGG		33	35
10214W	3602N	2561-16383	00000/0000	2-10021/0582	08/05/76	10	7822	54.3	113.5	GGGG		33	35
10214W	3555N	2525-16393	00000/0000	2-10020/0288	06/30/76	30	7320	58.6	104.8	GGGG		33	35
10214W	3128N	2380-16390	00000/0000	2-10015/0580	02/06/76	100	5298	31.6	138.5	GGGG		32	38
10215W	4427N	2635-16451	00000/0000	2-10023/1030	10/18/76	90	8854	30.4	148.6	GGGG		35	29
10215W	4024N	2706-16375	00000/0000	2-10026/0060	12/28/76	0	9844	19.2	147.8	FFGG		34	32
10215W	3601N	2597-16373	00000/0000	2-10027/0752	09/10/76	90	8324	47.0	129.2	GGGG		33	35
10215W	3600N	2417-16423	00000/0000	2-10016/1131	03/14/76	30	5814	40.4	133.1	GGGG		33	35
10216W	4022N	2724-16371	00000/0000	2-10026/0568	01/15/77	70	95	20.3	144.9	GGGG		34	32
10216W	4015N	2490-16445	00000/0000	2-10019/0183	05/26/76	90	6832	58.1	117.6	GGFF		34	32
10216W	4014N	2544-16433	00000/0000	2-10020/1217	07/19/76	20	7585	55.9	115.0	GGGG		34	32
10216W	3555N	2507-16400	00000/0000	2-10019/0875	06/12/76	0	7069	59.5	105.7	GGGG		33	35
10217W	4020N	2598-16415	00000/0000	2-10027/0774	09/11/76	10	8338	44.5	134.2	GGGG		34	32
10217W	4018N	2688-16354	00000/0000	2-10025/1166	12/10/76	70	9593	20.5	149.8	GGGG		34	32
10217W	4014N	2526-16440	00000/0000	2-10020/0302	07/01/76	10	7334	58.0	112.6	GGGG		34	32
10218W	4017N	2616-16412	00000/0000	2-10023/0176	09/29/76	0	8589	39.3	140.6	GGGG		34	32
10218W	4015N	2418-16470	00000/0000	2-10016/1206	03/15/76	90	5828	38.4	136.5	GGGG		34	32
10218W	4010N	2508-16443	00000/0000	2-10019/0806	06/13/76	0	7083	58.8	113.4	GGGG		34	32
10218W	3557N	2669-16350	00000/0000	2-10025/0491	11/21/76	90	9328	27.2	148.1	GGGG		33	35
10218W	3555N	2633-16362	00000/0000	2-10023/1004	10/16/76	10	8826	37.1	142.4	GGGG		33	35
10219W	4011N	2400-16473	00000/0000	2-10016/0472	02/26/76	30	5577	31.9	139.8	GGGG		34	32
10219W	3559N	2615-16365	00000/0000	2-10023/0030	09/28/76	40	8575	42.3	136.5	GGGG		33	35
10219W	3556N	2399-16430	00000/0000	2-10016/0358	02/25/76	0	5563	34.2	137.1	GGGG		33	35
10220W	4729N	2456-16551	00000/0000	2-10018/0065	04/22/76	80	6358	47.8	136.9	GGGG		36	27
10220W	4413N	2383-16523	00000/0000	2-10015/0664	02/09/76	80	5340	23.9	145.2	GGGG		35	29
10220W	4013N	2670-16392	00000/0000	2-10025/0552	11/22/76	60	9342	23.8	150.2	GGGG		34	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR 115  
FROM 01/22/76 TO 01/22/77

PAGE 0625

PRINCIPAL POINT OF IMAGE	SERVIATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS						123 45678				
10220A	4012N	2634-16405	00000/0000	2-10023/0979	10/17/76	80	8840	33.8	145.6	FGGG		34	32
10220N	3544N	2381-16433	00000/0000	2-10015/0621	02/07/76	50	5312	29.1	140.8	GGGG		33	35
10222W	4729N	2438-16554	00000/0000	2-10017/0980	04/04/76	0	6107	41.6	139.8	FGGG		36	27
10223W	4726N	2474-16544	00000/0000	2-10018/1012	05/10/76	10	6609	52.7	133.2	GGGG		36	27
10224W	4000N	2382-16480	00000/0000	2-10015/0649	02/08/76	10	5326	26.5	143.0	GGFF		34	32
10225W	4732N	2582-16514	00000/0000	2-10022/0160	08/26/76	30	8115	45.0	136.3	GGGG		36	27
10225W	4730N	2708-16471	00000/0000	2-10026/0084	12/30/76	40	9872	14.0	150.6	GGGG		36	27
10225W	4725N	2564-16521	00000/0000	2-10021/0819	08/08/76	0	7864	49.6	130.3	GGGG		36	27
10225W	4720N	2492-16541	00000/0000	2-10019/0259	05/28/76	10	6860	55.7	129.0	GGGF		36	27
10225W	3026N	2452-16372	00000/0000	2-10017/1549	04/18/76	0	6302	53.9	115.4	GGGG		32	39
10226W	4729N	2726-16463	00000/0000	2-10026/0740	01/17/77	10	123	15.6	147.8	GGGG		36	27
10226W	4724N	2600-16511	00000/0000	2-10022/0966	09/13/76	40	8366	39.8	141.7	GGGG		36	27
10226W	4723N	2420-16562	00000/0000	2-10017/0177	03/17/76	50	5856	34.7	142.1	FGGG		36	27
10226W	4719N	2528-16532	00000/0000	2-10020/0472	07/03/76	90	7362	55.7	124.9	GGGG		36	27
10227W	4726N	2690-16430	00000/0000	2-10025/1176	12/12/76	90	9621	14.8	152.7	GGGG		36	27
10227W	4719N	2546-16525	00000/0000	2-10021/0029	07/21/76	20	7613	53.3	126.7	GGGG		36	27
10227W	3018N	2470-16345	00000/0000	2-10018/0620	05/06/76	30	6553	57.5	107.4	GGGG		32	39
10228W	4718N	2366-16574	00000/0000	2-10015/0150	01/23/76	20	5103	17.6	149.4	FGFG		36	27
10228W	3024N	2578-16335	00000/0000	2-10021/1306	08/22/76	20	8059	52.8	112.9	GGGG		32	39
10228W	3021N	2434-16375	00000/0000	2-10017/0649	03/31/76	0	6051	48.8	122.3	GGGG		32	39
10228W	3021N	2560-16342	00000/0000	2-10021/0603	08/04/76	0	7808	55.2	104.3	GGGG		32	39
10228W	3014N	2488-16362	00000/0000	2-10018/1241	05/24/76	10	6804	59.3	100.1	GGGG		32	39
10229W	4721N	2618-16544	00000/0000	2-10023/0313	10/01/76	0	8617	33.9	146.8	GGGG		36	27
10229W	3015N	2542-16350	00000/0000	2-10020/1026	07/17/76	80	7557	57.1	97.7	GGFG		32	39
10230W	4717N	2636-16501	00000/0000	2-10023/1189	10/19/76	40	8868	28.0	150.6	GGGG		36	27
10230W	3013N	2506-16360	00000/0000	2-10019/0897	06/11/76	40	7055	59.5	95.3	GGGG		32	39
10230W	3011N	2524-16353	00000/0000	2-10020/0201	06/29/76	10	7306	58.6	94.5	GGGG		32	39
10231W	4719N	2672-16484	00000/0000	2-10025/0594	11/24/76	70	9370	17.8	153.6	GGGG		36	27
10231W	3021N	2596-16332	00000/0000	2-10022/0734	09/09/76	50	8310	49.7	122.0	GGGG		32	39
10231W	3020N	2722-16284	00000/0000	2-10026/0504	01/13/77	50	67	26.9	140.6	GGGG		32	39
10231W	3019N	2704-16292	00000/0000	2-10025/1591	12/26/76	0	9816	26.5	143.6	GGGG		32	39
10231W	3017N	2686-16301	00000/0000	2-10025/1109	12/08/76	0	9565	28.2	145.3	GGFG		32	39
10232W	4719N	2654-16492	00000/0000	2-10025/0018	11/06/76	20	9119	22.4	152.9	GGGG		36	27
10232W	4715N	2402-16565	00000/0000	2-10016/0546	02/28/76	100	5605	28.0	144.3	GGFG		36	27
10233W	3017N	2416-16383	00000/0000	2-10016/1119	03/13/76	50	5800	42.9	128.1	GGGG		32	39

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0626

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBV NUM.
10234W	3446N	2453-16414	00000/0000	2-10017/1554	04/19/76	30	6316	52.8	121.2	GGGG				33	36
10234W	3015N	2398-16390	00000/0000	2-10016/0339	02/24/76	30	5549	37.2	133.2	GFGG				32	39
10235W	4315N	2455-16504	00000/0000	2-10017/1638	04/21/76	10	6344	49.7	131.9	GGGG				35	30
10235W	3015N	2614-16325	00000/0000	2-10023/0102	09/27/76	10	8561	45.7	130.7	FGGG				32	39
10235W	3015N	2668-16305	00000/0000	2-10025/0478	11/20/76	0	9314	31.6	145.1	GGGG				32	39
10235W	3012N	2650-16314	00000/0000	2-10024/0303	11/02/76	0	9063	36.1	142.6	GGGG				32	39
10236W	4703N	2354-16572	00000/0000	2-10015/0711	02/10/76	10	5354	22.2	146.6	GFFF				36	27
10236W	4312N	2473-16531	00000/0000	2-10018/0849	05/09/76	0	6595	54.4	127.2	GGGG				35	30
10237W	5009N	2547-16574	00000/0000	2-10021/0055	07/22/76	30	7627	51.9	131.1	GGGG				37	25
10237W	3443N	2579-16382	00000/0000	2-10021/1294	08/23/76	20	8073	51.5	119.3	GGGG				33	36
10237W	3437N	2471-16412	00000/0000	2-10012/0769	05/07/76	90	6567	56.9	114.2	GGGG				33	36
10238W	5009N	2493-16531	00000/0000	2-10019/0332	05/29/76	10	6874	54.5	133.2	GGGG				37	25
10238W	5007N	2529-16581	00000/0000	2-10020/0431	07/04/76	10	7376	54.5	129.5	GGGG				37	25
10238W	4317N	2581-16471	00000/0000	2-10021/1396	08/25/76	10	8101	47.5	131.0	GGGG				35	30
10238W	4313N	2437-16511	00000/0000	2-10017/0843	04/03/76	20	6093	43.7	135.6	GGGG				35	30
10238W	3901N	2454-16451	00000/0000	2-10017/1625	04/20/76	10	6330	51.4	126.7	GGGG				34	33
10239W	4312N	2563-16475	00000/0000	2-10021/0641	08/07/76	0	7850	51.7	124.8	GGGG				35	30
10239W	4307N	2419-16515	00000/0000	2-10016/1218	03/16/76	90	5842	37.0	138.7	GGGG				35	30
10239W	3442N	2705-16335	00000/0000	2-10026/0031	12/27/76	30	9830	23.4	145.5	GGGG				33	36
10239W	3434N	2543-16392	00000/0000	2-10020/0895	07/18/76	20	7571	56.9	105.3	GGGG				33	36
10239W	3432N	2459-16405	00000/0000	2-10019/0090	05/25/76	90	6818	59.1	107.5	GFGG				33	36
10239W	3002N	2380-16393	00000/0000	2-10015/0581	02/06/76	80	5298	32.4	137.6	GGGG				32	39
10240W	5007N	2403-17014	00000/0000	2-10016/0575	02/29/76	60	5619	26.5	146.1	GGGG				37	25
10240W	5004N	2511-16584	00000/0000	2-10019/1128	06/16/76	90	7125	55.5	130.3	GGGG				37	25
10240W	4315N	2707-16424	00000/0000	2-10026/0073	12/29/76	50	9858	17.1	148.9	GGGG				35	30
10240W	4313N	2725-16420	00000/0000	2-10026/0590	01/16/77	80	109	18.5	146.0	GGGG				35	30
10240W	3856N	2436-16465	00000/0000	2-10017/0793	04/02/76	90	6079	45.6	131.4	GFGG				34	33
10240W	3437N	2435-16422	00000/0000	2-10017/0878	04/01/76	0	6065	47.3	126.9	GGGG				33	36
10241W	4305N	2491-16495	00000/0000	2-10019/0216	05/27/76	10	6846	57.3	122.2	GGGG				35	30
10241W	4304N	2546-16432	00000/0000	2-10020/1188	07/20/76	90	7599	55.0	119.9	GGGG				35	30
10241W	3439N	2723-16331	00000/0000	2-10026/0543	01/14/77	60	81	24.1	142.5	GGGG				33	36
10241W	3437N	2561-16345	00000/0000	2-10021/0583	08/05/76	0	7822	54.6	111.3	GGGG				33	36
10241W	3430N	2525-16400	00000/0000	2-10020/0289	06/30/76	10	7320	58.7	102.3	GGGG				33	36
10242W	5006N	2637-16550	00000/0000	2-10023/1172	10/20/76	90	8882	25.5	152.5	GGG				37	25
10242W	4309N	2599-16465	00000/0000	2-10022/0862	09/12/76	30	8352	42.7	137.4	FGGG				35	30

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0627

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10242N	4308N	2689-16433	00000/0000	2-10025/1083	12/11/76	70	9607	18.2	150.9	GGGG		35	30
10242N	4303N	2627-16485	00000/0000	2-10020/0406	07/02/76	40	7348	57.2	117.6	GFGG		35	30
10242N	3859N	2580-16425	00000/0000	2-10021/1350	08/24/76	10	8087	49.7	125.4	GGGG		34	33
10242N	3854N	2472-16454	00000/0000	2-10018/0801	05/08/76	20	6581	55.9	120.8	GGGG		34	33
10242N	3435N	2417-16425	00000/0000	2-10016/1132	03/14/76	0	5814	41.1	131.8	GGGG		33	36
10242N	3435N	2597-16375	00000/0000	2-10022/0762	09/10/76	50	8324	47.7	127.6	GGGG		33	36
10242N	3429N	2507-16402	00000/0000	2-10019/0876	06/12/76	0	7069	59.6	103.0	GGGG		33	36
10243N	5009N	2673-16533	00000/0000	2-10025/0607	11/25/76	10	9384	15.3	154.9	GGGG		37	25
10243N	4308N	2617-16461	00000/0000	2-10023/0159	09/30/76	0	8603	37.1	143.2	GGGG		35	30
10243N	4302N	2509-16492	00000/0000	2-10019/0945	06/14/76	90	7097	58.1	118.5	GGGG		35	30
10243N	3854N	2562-16432	00000/0000	2-10021/0682	08/06/76	10	7836	53.4	118.2	GGGG		34	33
10244N	4306N	2671-16441	00000/0000	2-10025/0566	11/23/76	10	9366	21.3	151.6	FGGG		35	30
10244N	3858N	2706-16382	00000/0000	2-10026/0061	12/28/76	0	9844	20.3	147.2	GFG		34	33
10244N	3431N	2669-16352	00000/0000	2-10025/0492	11/21/76	100	9328	28.3	147.4	GGGG		33	36
10245N	4303N	2401-16522	00000/0000	2-10014/0504	02/27/76	70	5591	30.5	141.6	GGGG		35	30
10245N	3856N	2724-16374	00000/0000	2-10026/0569	01/15/77	80	95	21.3	144.3	GGGG		34	33
10245N	3850N	2490-16452	00000/0000	2-10019/0184	05/26/76	90	6832	58.5	115.1	GGFF		34	33
10245N	3848N	2544-16435	00000/0000	2-10020/1218	07/19/76	10	7585	56.2	112.7	GGGG		34	33
10245N	3433N	2615-16372	00000/0000	2-10023/0081	09/28/76	50	8575	43.1	135.2	GGGG		33	36
10245N	3430N	2399-16433	00000/0000	2-10016/0359	02/25/76	0	5563	35.1	136.1	FGGG		33	36
10245N	3430N	2633-16364	00000/0000	2-10023/1005	10/16/76	0	8826	38.0	141.4	GGGG		33	36
10246N	4301N	2653-16450	00000/0000	2-10025/0006	11/05/76	40	9105	26.0	150.5	GGGG		35	30
10246N	3855N	2598-16422	00000/0000	2-10022/0775	09/11/76	0	8338	45.3	132.7	GGGG		34	33
10246N	3853N	2688-16390	00000/0000	2-10025/1167	12/10/76	90	9593	21.6	149.2	GGGG		34	33
10246N	3849N	2526-16442	00000/0000	2-10020/0303	07/01/76	20	7334	58.2	110.1	GGGG		34	33
10247N	4302N	2635-16454	00000/0000	2-10023/1031	10/18/76	90	8854	31.5	147.7	FGGG		35	30
10247N	3851N	2616-16415	00000/0000	2-10023/0177	09/29/76	0	8589	40.2	139.4	GGGG		34	33
10247N	3849N	2418-16472	00000/0000	2-10016/1207	03/15/76	80	5828	39.2	135.3	GGGG		34	33
10247N	3845N	2508-16445	00000/0000	2-10019/0807	06/13/76	0	7083	59.1	110.8	GGGG		34	33
10247N	3418N	2381-16440	00000/0000	2-10015/0622	02/07/76	90	5312	30.0	140.0	FGGG		33	36
10248N	3846N	2400-16475	00000/0000	2-10016/0473	02/26/76	80	5577	32.8	138.9	GGGG		34	33
10249N	3848N	2670-16395	00000/0000	2-10025/0553	11/22/76	70	9342	24.8	149.6	GGGG		34	33
10249N	2859N	2452-16374	00000/0000	2-10017/1550	04/18/76	10	6302	54.2	113.3	GGGG		32	40
10250N	3847N	2634-16411	00000/0000	2-10023/0980	10/17/76	90	8840	34.8	144.7	GGGG		34	33
10251N	2852N	2470-16371	00000/0000	2-10018/0621	05/06/76	10	6553	57.7	104.9	GGGG		32	40

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 26, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0628

FBR 115

FR84 01/22/76 TO 01/22/77

PRINCIPAL PRINT OF IMAGE	RESERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT	RBV	MSS					123 45678				
10252	4248N	2383-16525	00000/0000	2-10015/0665	02/09/76	80	5340	24.9	144.4	GGGG	35	30
10252	2855N	2434-16382	00000/0000	2-10017/0650	03/31/76	0	6051	49.3	120.6	GG G	32	40
10252	2855N	2560-16345	00000/0000	2-10021/0604	08/04/76	10	7808	55.3	102.0	GGGG	32	40
10252	2849N	2488-16365	00000/0000	2-10018/1242	05/24/76	10	6804	59.3	97.4	GGGG	32	40
10253	3835N	2382-16482	00000/0000	2-10015/0650	02/08/76	30	5326	27.5	142.2	FGGG	34	33
10253	2857N	2578-16342	00000/0000	2-10021/1307	08/22/76	20	8059	53.1	110.8	GGGG	32	40
10253	2849N	2542-16352	00000/0000	2-10020/1027	07/17/76	80	7557	57.0	95.3	GGGF	32	40
10254	2847N	2506-16362	00000/0000	2-10019/0898	06/11/76	20	7055	59.3	92.7	GGGG	32	40
10254	2845N	2524-16355	00000/0000	2-10020/0202	06/29/76	30	7306	58.4	92.0	GGGG	32	40
10255	2855N	2596-16335	00000/0000	2-10022/0735	09/09/76	30	8310	50.2	120.3	GGGG	32	40
10255	2855N	2722-16291	00000/0000	2-10026/0505	01/13/77	70	67	27.9	139.8	GGGG	32	40
10255	2853N	2704-16295	00000/0000	2-10025/1592	12/26/76	10	9816	27.5	142.9	GGGG	32	40
10256	4604N	2456-16553	00000/0000	2-10018/0066	04/22/76	70	6358	48.6	135.1	GGGG	36	28
10256	2851N	2656-16303	00000/0000	2-10025/1110	12/08/76	0	9565	29.2	144.6	GGGF	32	40
10257	4604N	2438-16561	00000/0000	2-10017/0981	04/04/76	10	6107	42.4	138.4	GGGG	36	28
10257	2851N	2416-16385	00000/0000	2-10016/1120	03/13/76	30	5800	43.6	126.8	GGGG	32	40
10258	4601N	2474-16550	00000/0000	2-10018/1013	05/10/76	10	6609	53.4	131.1	GGGG	36	28
10258	2849N	2398-16392	00000/0000	2-10016/0340	02/24/76	10	5549	38.0	132.1	FGGG	32	40
10258	2846N	2650-16320	00000/0000	2-10024/0304	11/02/76	10	9063	37.1	141.7	GGGG	32	40
10259	2849N	2668-16312	00000/0000	2-10025/0479	11/20/76	10	9314	32.6	144.3	FGGG	32	40
10300	4606N	2582-16521	00000/0000	2-10022/0161	06/26/76	40	8115	45.8	134.7	GGGG	36	28
10300	4600N	2554-16524	00000/0000	2-10021/0820	08/08/76	10	7864	50.3	128.9	GGGG	36	28
10300	4558N	2420-16564	00000/0000	2-10017/0178	03/17/76	20	5856	35.6	140.9	GGGG	36	28
10300	3320N	2453-16421	00000/0000	2-10017/1555	04/19/76	10	6316	53.3	119.2	GFGG	33	37
10300	2849N	2614-16332	00000/0000	2-10023/0103	09/27/76	10	8561	46.4	129.2	GFGG	32	40
10301	4605N	2708-16474	00000/0000	2-10026/0085	12/30/76	10	9872	15.0	150.0	GGGG	36	28
10301	4604N	2726-16465	00000/0000	2-10026/0741	01/17/77	60	123	16.6	147.1	GGFF	36	28
10301	4601N	2690-16482	00000/0000	2-10025/1177	12/12/76	90	9621	15.9	152.1	GGGG	36	28
10301	4555N	2492-16544	00000/0000	2-10019/0260	05/28/76	0	6860	56.3	126.7	GGGG	36	28
10301	4555N	2528-16534	00000/0000	2-10020/0473	07/03/76	80	7362	56.2	122.5	GGGG	36	28
10302	4559N	2600-16514	00000/0000	2-10022/0967	09/13/76	10	8366	40.7	140.4	GGGG	36	28
10302	4554N	2546-16531	00000/0000	2-10021/0030	07/21/76	20	7613	53.9	124.5	GGGG	36	28
10303	4553N	2366-16580	00000/0000	2-10015/0151	01/23/76	40	5103	18.7	148.8	FgFG	36	28
10303	4551N	2510-16541	00000/0000	2-10019/1058	06/15/76	30	7111	57.2	123.3	GGGG	36	28
10303	3318N	2579-16384	00000/0000	2-10021/1295	08/23/76	10	8073	51.9	117.4	GGGG	33	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0629

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10303w	3312N	2471-16414	00000/0000	2-10018/0770	05/07/76	90	6567	57.2	111.9	GGGG		33	37
10304w	4556N	2618-16511	00000/0000	2-10023/0314	10/01/76	0	8617	34.9	145.7	GGGG		36	28
10304w	3309N	2543-16395	00000/0000	2-10020/0896	07/18/76	30	7571	57.0	102.9	GGGG		33	37
10304w	3306N	2489-16412	00000/0000	2-10019/0091	05/25/76	90	6818	59.3	104.9	GGGG		33	37
10304w	2836N	2380-16395	00000/0000	2-10015/0582	02/06/76	10	5298	33.3	136.7	GGGG		32	40
10305w	4552N	2636-16503	00000/0000	2-10023/1190	10/19/76	40	8868	29.0	149.7	GGGG		36	28
10305w	3316N	2705-16342	00000/0000	2-10026/0032	12/27/76	10	9830	24.4	144.9	GGGG		33	37
10306w	4554N	2672-16491	00000/0000	2-10025/0595	11/24/76	60	9370	18.9	152.9	GGGG		36	28
10306w	4551N	2402-16571	00000/0000	2-10016/0547	02/28/76	70	5605	29.0	143.3	GGGG		36	28
10306w	4150N	2455-16511	00000/0000	2-10017/1639	04/21/76	30	6344	50.4	130.1	GGGG		35	31
10306w	3311N	2435-16424	00000/0000	2-10017/0879	04/01/76	0	6065	48.0	125.3	GGGG		33	37
10306w	3311N	2561-16392	00000/0000	2-10021/0584	08/05/76	10	7822	54.8	109.1	GGGG		33	37
10307w	4554N	2654-16495	00000/0000	2-10025/0019	11/06/76	60	9119	23.5	152.2	GGGG		36	28
10307w	4147N	2473-16504	00000/0000	2-10018/0850	05/09/76	10	6595	55.0	125.0	FFGG		35	31
10307w	3735N	2454-16464	00000/0000	2-10017/1626	04/20/76	20	6330	52.0	124.7	GGGG		34	34
10307w	3313N	2723-16333	00000/0000	2-10026/0544	01/14/77	20	81	25.1	141.8	GGGG		33	37
10307w	3305N	2525-16407	00000/0000	2-10020/0290	06/30/76	10	7320	58.7	99.7	GGGG		33	37
10308w	3731N	2436-16471	00000/0000	2-10017/0794	04/02/76	90	6079	46.3	129.8	GGGG		34	34
10308w	3310N	2417-16432	00000/0000	2-10016/1133	03/14/76	0	5814	41.9	130.5	GGGG		33	37
10308w	3310N	2597-16382	00000/0000	2-10022/0763	09/10/76	80	8324	48.3	125.9	GGGG		33	37
10308w	3303N	2507-16405	00000/0000	2-10019/0877	06/12/76	10	7069	59.6	100.4	GGGG		33	37
10309w	4151N	2581-16474	00000/0000	2-10021/1397	08/25/76	0	8101	48.2	129.3	GGGG		35	31
10309w	4147N	2437-16514	00000/0000	2-10017/0844	04/03/76	10	6093	44.5	134.2	GGGG		35	31
10310w	4146N	2563-16481	00000/0000	2-10021/0642	08/07/76	0	7850	52.2	122.7	GGGG		35	31
10310w	3733N	2580-16431	00000/0000	2-10021/1351	08/24/76	20	8087	50.3	123.5	GGGG		34	34
10310w	3728N	2472-16461	00000/0000	2-10018/0802	05/08/76	50	6581	56.3	118.5	FFGG		34	34
10310w	3306N	2669-16355	00000/0000	2-10025/0493	11/21/76	100	9328	29.3	146.7	GGGG		33	37
10311w	4855N	2457-17003	00000/0000	2-10018/0080	04/23/76	90	6372	47.3	138.4	GGG		37	26
10311w	4149N	2707-16431	00000/0000	2-10026/0074	12/29/76	10	9858	18.2	148.3	GGGG		35	31
10311w	4148N	2725-16423	00000/0000	2-10026/0591	01/16/77	80	109	19.5	145.4	GGGG		35	31
10311w	4142N	2471-16521	00000/0000	2-10018/1219	03/16/76	40	5842	37.9	137.6	GGFG		35	31
10311w	3729N	2562-16434	00000/0000	2-10021/0683	08/06/76	10	7836	53.8	116.1	GGGG		34	34
10311w	3308N	2615-16374	00000/0000	2-10023/0082	09/28/76	90	8575	43.9	133.9	GGGG		33	37
10311w	3304N	2399-16435	00000/0000	2-10016/0360	02/25/76	0	5563	35.9	135.1	GGGG		33	37
10311w	3304N	2633-16371	00000/0000	2-10023/1006	10/16/76	0	8826	39.0	140.3	GGGG		33	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0630

FOR IIS  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
10312N 4854N	2727-16515	00000/0000	2-10026/0639	01/18/77	90	137	14.7	148.3	GGGG			37	26
10312N 4852N	2475-17000	00000/0000	2-10018/0946	05/11/76	10	6623	52.1	135.0	GGGG			37	26
10312N 4140N	2491-16501	00000/0000	2-10019/0217	05/27/76	10	6846	57.8	119.8	GGGG			35	31
10312N 4139N	2545-16484	00000/0000	2-10020/1189	07/20/76	90	7599	55.4	117.6	GGGG			35	31
10312N 3732N	2706-16384	00000/0000	2-10026/0062	12/28/76	0	9844	21.3	146.6	GGG			34	34
10313N 4855N	2439-17010	00000/0000	2-10017/0994	04/05/76	0	6121	41.0	141.1	GGGG			37	26
10313N 4855N	2533-16570	00000/0000	2-10027/0024	08/27/76	40	8129	43.9	138.1	GGGG			37	26
10313N 4851N	2565-16573	00000/0000	2-10021/0773	08/09/76	10	7878	48.7	139.0	GGGG			37	26
10313N 4144N	2599-16471	00000/0000	2-10022/0863	09/12/76	40	8352	43.5	136.0	GGGG			35	31
10313N 4138N	2527-16492	00000/0000	2-10020/0407	07/02/76	40	7348	57.6	115.1	GGGG			35	31
10313N 4137N	2509-16494	00000/0000	2-10019/0946	06/14/76	50	7097	58.5	115.9	GGGG			35	31
10313N 3730N	2724-16330	00000/0000	2-10026/0570	01/15/77	20	95	22.3	143.6	GGGG			34	34
10313N 3725N	2490-16454	00000/0000	2-10019/0185	05/26/76	80	6832	58.8	112.5	GGGG			34	34
10313N 3723N	2544-16442	00000/0000	2-10020/1219	07/19/76	10	7585	56.5	110.3	GGGG			34	34
10313N 3253N	2381-16442	00000/0000	2-10015/0623	02/07/76	100	5312	30.9	139.1	GGGG			33	37
10313N 2733N	2452-16381	00000/0000	2-10017/1551	04/18/76	10	6302	54.5	111.1	GGGG			32	41
10314N 4854N	2703-16523	00000/0000	2-10026/0135	12/31/76	10	9886	12.9	151.0	GGGG			37	26
10314N 4143N	2617-16464	00000/0000	2-10023/0160	09/30/76	0	8603	38.1	142.1	GGGG			35	31
10314N 4143N	2689-16435	00000/0000	2-10025/1084	12/11/76	60	9607	19.3	150.3	GGGG			35	31
10314N 3730N	2598-16424	00000/0000	2-10022/0776	09/11/76	0	8338	46.0	131.2	GGGG			34	34
10314N 3727N	2688-16399	00000/0000	2-10025/1168	12/10/76	100	9593	22.7	148.5	GGGG			34	34
10314N 3723N	2526-16445	00000/0000	2-10020/0304	07/01/76	20	7334	58.4	107.5	GGGG			34	34
10315N 4849N	2421-17013	00000/0000	2-10017/0148	03/18/76	0	5870	34.2	143.1	GGGG			37	26
10315N 4845N	2547-16540	00000/0000	2-10021/0056	07/22/76	20	7627	52.5	129.0	GGGG			37	26
10315N 4140N	2671-16444	00000/0000	2-10025/0567	11/23/76	10	9356	22.4	150.9	GGG			35	31
10315N 3725N	2616-16421	00000/0000	2-10023/0178	09/29/76	0	8589	41.1	138.2	GGGG			34	34
10315N 3724N	2418-16475	00000/0000	2-10016/1208	03/15/76	40	5828	40.0	134.1	GGGG			34	34
10315N 3720N	2508-16452	00000/0000	2-10019/0808	06/13/76	0	7083	59.3	108.2	GGGG			34	34
10315N 2729N	2434-16384	00000/0000	2-10017/0651	03/31/76	0	6051	49.8	118.8	GGGG			32	41
10315N 2729N	2560-16351	00000/0000	2-10021/0605	08/04/76	10	7808	55.3	99.8	GGGG			32	41
10316N 4849N	2601-16563	00000/0000	2-10022/0980	09/14/76	0	8380	38.5	143.3	GGGG			37	26
10316N 4844N	2493-16593	00000/0000	2-10019/0333	05/29/76	10	6874	55.2	131.0	GGGG			37	26
10316N 4842N	2529-16534	00000/0000	2-10020/0492	07/04/76	10	7376	55.1	127.2	GGGG			37	26
10316N 4138N	2401-16525	00000/0000	2-10016/0505	02/27/76	100	5591	31.4	140.6	GGGG			35	31
10316N 3722N	2670-16401	00000/0000	2-10025/0554	11/22/76	10	9342	25.9	148.9	GGGG			34	34

KEYS: CLOUD COVER ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0631

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10316	2725N	2470-16374	00000/0000	2-10018/0622	05/06/76	10	6553	57.8	102.5	GGGG		32	41
10316	2723N	2458-16371	00000/0000	2-10018/1243	05/24/76	10	6804	59.2	94.9	GGGG		32	41
10317	4846N	2619-16560	00000/0000	2-10023/0342	10/02/76	80	8631	32.6	148.1	GGGG		37	26
10317	4137N	2365-16433	00000/0000	2-10015/0137	01/22/76	0	5089	21.6	146.9	GGGG		35	31
10317	4136N	2653-16452	00000/0000	2-10025/0007	11/05/76	10	9105	27.1	149.8	GGGG		35	31
10317	2731N	2578-16344	00000/0000	2-10021/1308	08/22/76	10	8059	53.4	108.7	GGGG		32	41
10317	2723N	2542-16355	00000/0000	2-10020/1028	07/17/76	70	7557	56.8	93.0	GGGG		32	41
10317	2721N	2506-16365	00000/0000	2-10019/0899	06/11/76	20	7055	59.1	90.2	FGGG		32	41
10318	4850N	2691-16531	00000/0000	2-10025/1190	12/13/76	90	9635	13.6	153.2	GG G		37	26
10318	4839N	2511-16591	00000/0000	2-10019/1129	06/16/76	90	7125	56.1	127.9	GGGG		37	26
10318	4137N	2635-16460	00000/0000	2-10023/1032	10/18/76	50	8854	32.5	146.8	GGGG		35	31
10318	3721N	2634-16414	00000/0000	2-10023/0981	10/17/76	70	8840	35.8	143.7	GGGG		34	34
10318	2728N	2596-16341	00000/0000	2-10022/0736	09/09/76	30	8310	50.7	118.5	GGGG		32	41
10318	2719N	2524-16362	00000/0000	2-10020/0203	06/29/76	30	7306	58.1	89.5	GGGG		32	41
10319	4842N	2403-17021	00000/0000	2-10016/0576	02/29/76	30	5619	27.4	145.1	GGGG		37	26
10319	2728N	2722-16293	00000/0000	2-10026/0506	01/13/77	90	67	28.8	139.1	GGGG		32	41
10319	2727N	2704-16301	00000/0000	2-10025/1593	12/26/76	40	9816	28.5	142.2	GGGG		32	41
10320	4840N	2367-17030	00000/0000	2-10016/0153	01/24/76	70	5117	16.8	150.0	G		37	26
10320	2725N	2686-16310	00000/0000	2-10025/1111	12/08/76	0	9565	30.2	143.9	GGGG		32	41
10320	2724N	2416-16392	00000/0000	2-10016/1121	03/13/76	60	5800	44.2	125.4	GGGG		32	41
10321	4844N	2673-16540	00000/0000	2-10025/0608	11/25/76	40	9384	16.5	154.2	GGGG		37	26
10321	4841N	2637-16552	00000/0000	2-10023/1173	10/20/76	30	8882	26.6	151.6	FGGG		37	26
10321	3709N	2362-16485	00000/0000	2-10015/0651	02/08/76	70	5326	28.4	141.4	FFPP		34	34
10322	4842N	2655-16544	00000/0000	2-10025/0053	11/07/76	20	9133	21.0	153.7	FGGG		37	26
10322	2723N	2398-16395	00000/0000	2-10016/0341	02/24/76	10	5549	38.7	131.0	GGGG		32	41
10322	2720N	2650-16323	00000/0000	2-10024/0305	11/02/76	0	9063	38.1	140.7	GGGG		32	41
10323	4836N	2385-17024	00000/0000	2-10015/0816	02/11/76	70	5368	21.4	147.3	GGGG		37	26
10323	4124N	2383-16532	00000/0000	2-10015/0666	02/09/76	70	5340	25.8	143.6	GGGG		35	31
10323	2723N	2668-16314	00000/0000	2-10025/0480	11/20/76	10	9314	33.6	143.5	GGGG		32	41
10324	2722N	2614-16334	00000/0000	2-10023/0104	09/27/76	10	8561	47.1	127.7	GGGG		32	41
10326	3154N	2453-16423	00000/0000	2-10017/1556	04/19/76	10	6316	53.7	117.1	GGGG		33	38
10328	3145N	2471-16421	00000/0000	2-10018/0771	05/07/76	90	6567	57.5	109.4	GGGG		33	38
10328	2710N	2380-16402	00000/0000	2-10015/0583	02/06/76	50	5298	34.2	135.8	GGGG		32	41
10329	4438N	2456-16560	00000/0000	2-10018/0067	04/22/76	60	6358	49.3	133.4	GGGG		36	29
10329	3152N	2579-16391	00000/0000	2-10021/1296	08/23/76	10	8073	52.3	115.4	GGGG		33	38

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0632

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10330N	3140N	2489-16414	00000/0000	2-10019/0092	05/25/76	90	6818	59.4	102.3	GGGG	33	38
10331N	4439N	2438-16563	00000/0000	2-10017/0082	04/04/76	10	6107	43.2	136.9	GGGG	36	29
10331N	3150N	2705-16344	00000/0000	2-10026/0033	12/27/76	10	9830	25.4	144.2	GGGG	33	38
10331N	3145N	2435-16431	00000/0000	2-10017/0080	04/01/76	0	6065	48.6	123.6	GGGG	33	38
10331N	3144N	2561-16394	00000/0000	2-10021/00585	08/05/76	10	7822	55.0	106.9	GGGG	33	38
10332N	4436N	2474-16553	00000/0000	2-10018/0014	05/10/76	10	6609	54.0	129.0	GGGG	33	38
10332N	3146N	2723-16340	00000/0000	2-10026/00545	01/14/77	10	81	26.1	141.1	GGGG	36	29
10332N	3139N	2525-16405	00000/0000	2-10020/00291	06/30/76	10	7320	58.6	97.1	GGGG	33	38
10333N	4440N	2582-16523	00000/0000	2-10023/00162	08/26/76	40	8115	46.5	133.0	GGGG	36	29
10333N	4435N	2564-16530	00000/0000	2-10021/00821	08/08/76	10	7844	50.9	127.0	GGGG	36	29
10333N	4433N	2420-16571	00000/0000	2-10017/00179	03/17/76	30	5856	36.5	139.8	GGGG	36	29
10333N	3145N	2687-16353	00000/0000	2-10025/00141	12/09/76	50	9579	27.0	146.0	GGGG	33	38
10333N	3144N	2417-16434	00000/0000	2-10016/00134	03/14/76	0	5814	42.6	129.2	GGGG	33	38
10333N	3144N	2597-16384	00000/0000	2-10022/00764	09/10/76	90	8324	48.9	124.2	GGGG	33	38
10333N	3138N	2507-16411	00000/0000	2-10019/00878	06/12/76	10	7069	59.5	97.7	GGGG	33	38
10334N	4436N	2690-16485	00000/0000	2-10025/00178	12/12/76	30	9621	17.0	151.5	GGGG	36	29
10334N	4430N	2492-16550	00000/0000	2-10019/00261	05/28/76	10	6860	56.9	124.3	GGGG	36	29
10334N	3609N	2454-16470	00000/0000	2-10017/00162	04/20/76	20	6330	52.6	122.8	GGGG	34	35
10335N	4439N	2708-16480	00000/0000	2-10026/00086	12/30/76	10	9872	16.1	149.4	GGGG	36	29
10335N	4438N	2726-16472	00000/0000	2-10026/00742	01/17/77	90	123	17.6	146.5	GGGG	36	29
10335N	4433N	2600-16520	00000/0000	2-10022/00968	09/13/76	20	8366	41.5	139.1	GGGG	36	29
10335N	4430N	2528-16541	00000/0000	2-10020/00474	07/03/76	50	7362	56.7	120.1	GGGG	36	29
10335N	3140N	2669-16361	00000/0000	2-10025/00494	11/21/76	90	9328	30.4	145.9	GGGG	33	38
10336N	4428N	2546-16534	00000/0000	2-10021/00031	07/21/76	40	7613	54.4	122.3	GGGG	36	29
10336N	4025N	2455-16513	00000/0000	2-10017/00140	04/21/76	50	6344	51.1	128.2	GGGG	35	32
10336N	4021N	2473-16510	00000/0000	2-10018/00851	05/09/76	10	6595	55.6	122.8	GGGG	35	32
10336N	3605N	2436-16474	00000/0000	2-10017/00735	04/02/76	40	6079	47.0	128.2	GGGG	34	35
10336N	3142N	2615-16381	00000/0000	2-10023/00033	09/23/76	100	8575	44.7	132.5	GGGG	33	38
10336N	3139N	2399-16442	00000/0000	2-10016/00361	02/25/76	0	5563	36.7	134.0	GGGG	33	38
10337N	4431N	2618-16513	00000/0000	2-10023/00315	10/01/76	0	8617	35.9	144.6	GGGG	36	29
10337N	4428N	2366-16583	00000/0000	2-10015/00152	01/23/76	90	5103	19.7	148.1	GGGG	36	29
10337N	4426N	2510-16544	00000/0000	2-10019/0059	06/15/76	20	7111	57.7	120.8	GGGG	36	29
10337N	3607N	2580-16434	00000/0000	2-10021/00152	08/24/76	10	8087	50.8	121.7	GGGG	34	35
10337N	3602N	2472-16463	00000/0000	2-10018/00803	05/08/76	50	6581	56.8	116.2	GGGG	34	35
10337N	3138N	2633-16373	00000/0000	2-10023/0007	10/16/76	0	8826	39.9	139.2	GGGG	33	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0633

FBR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	SERVIATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10339	4427N	2636-16510	00000/0000	2-10023/1191	10/19/76	40	8868	30.1	148.8	GGGG		36	29
10339	4426N	2402-16574	00000/0000	2-10014/0548	02/28/76	20	5605	29.9	142.4	GGGG		36	29
10339	4027N	2581-16480	00000/0000	2-10021/1398	08/25/76	0	8101	48.8	127.6	GGGG		35	32
10339	4022N	2437-16520	00000/0000	2-10017/0845	04/03/76	0	6093	45.2	132.7	GGFG		35	32
10339	4021N	2563-16484	00000/0000	2-10021/0643	08/07/76	0	7850	52.7	120.7	FGGG		35	32
10339	3603N	2562-16441	00000/0000	2-10021/0684	08/06/76	10	7836	54.1	113.9	GGGG		34	35
10339	3559N	2490-16461	00000/0000	2-10019/0136	05/26/76	30	6832	59.0	109.9	GGGF		34	35
10339	3127N	2381-16445	00000/0000	2-10015/0624	02/07/76	80	5312	31.8	138.3	GGGG		33	38
10340	4429N	2672-16493	00000/0000	2-10025/0596	11/24/76	10	9370	20.0	152.3	GGGG		36	29
10340	3607N	2706-16331	00000/0000	2-10026/0063	12/28/76	0	9844	22.4	146.0	GGG		34	35
10340	3604N	2724-16383	00000/0000	2-10026/0571	01/15/77	10	95	23.3	142.9	GGGG		34	35
10340	3557N	2544-16444	00000/0000	2-10020/1220	07/19/76	30	7585	56.7	107.9	GGGG		34	35
10341	4021N	2725-16425	00000/0000	2-10026/0592	01/16/77	60	109	20.5	144.7	GGGG		35	32
10341	4016N	2419-16524	00000/0000	2-10016/1220	03/16/76	40	5842	38.7	136.4	GGFG		35	32
10341	3603N	2598-16431	00000/0000	2-10022/0777	09/11/76	10	8338	46.8	129.6	FGGG		34	35
10341	3558N	2526-16451	00000/0000	2-10020/0305	07/01/76	10	7334	58.5	104.9	GGGG		34	35
10342	4430N	2654-16501	00000/0000	2-10025/0020	11/06/76	10	9119	24.6	151.4	GGGG		36	29
10342	4023N	2707-16433	00000/0000	2-10026/0075	12/29/76	10	9858	19.3	147.7	GGGG		35	32
10342	4014N	2491-16504	00000/0000	2-10019/0218	05/27/76	0	6846	58.2	117.3	GGGG		35	32
10342	4014N	2545-16491	00000/0000	2-10020/1190	07/20/76	90	7599	55.8	115.3	GGGG		35	32
10342	4013N	2527-16494	00000/0000	2-10020/0408	07/02/76	10	7348	57.9	112.6	GGGG		35	32
10342	3600N	2616-16424	00000/0000	2-10023/0179	09/29/76	0	8589	42.0	136.9	GGGG		34	35
10342	3558N	2418-16481	00000/0000	2-10016/1209	03/15/76	40	5828	40.7	132.8	GGGG		34	35
10342	3554N	2508-16454	00000/0000	2-10019/0809	06/13/76	0	7033	59.5	105.5	GGGG		34	35
10343	4019N	2599-16474	00000/0000	2-10022/0864	09/12/76	30	8352	44.3	134.5	GGGG		35	32
10343	4012N	2509-16501	00000/0000	2-10019/0947	06/14/76	20	7097	58.8	113.4	GGGG		35	32
10343	3557N	2670-16404	00000/0000	2-10025/0555	11/22/76	40	9342	27.0	148.2	GGGG		34	35
10344	4017N	2617-16470	00000/0000	2-10023/0161	09/30/76	0	8603	39.0	140.9	GGGG		35	32
10344	4017N	2689-16442	00000/0000	2-10025/1085	12/11/76	60	9607	20.4	149.7	GGGG		35	32
10344	3555N	2400-16484	00000/0000	2-10016/0474	02/26/76	40	5577	34.6	136.9	GGGG		34	35
10345	4015N	2671-16450	00000/0000	2-10025/0568	11/23/76	10	9356	23.5	150.3	GGGG		35	32
10345	3556N	2634-16420	00000/0000	2-10023/0982	10/17/76	30	8840	36.8	142.7	FGGG		34	35
10346	4013N	2401-16531	00000/0000	2-10016/0506	02/27/76	100	5591	32.3	139.7	GGGG		35	32
10347	4011N	2365-16540	00000/0000	2-10015/0138	01/22/76	0	5089	22.6	146.2	GGGG		35	32
10347	4011N	2653-16455	00000/0000	2-10025/0008	11/05/76	10	9105	28.1	149.0	GGGG		35	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=HAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0634

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG	LAT	SERVIATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10348W	4730N	2457-17005	00000/0000	2-10018/0081	04/23/76	100	6372	48.1	136.7	GGGG			37	27
10348W	4012N	2635-16463	00000/0000	2-10023/1033	10/18/76	20	8854	33.5	145.9	GGGG			38	32
10349W	4731N	2439-17012	00000/0000	2-10017/0995	04/05/76	0	6121	41.9	139.7	GGGG			37	27
10349W	4728N	2475-17002	00000/0000	2-10018/0947	05/11/76	20	6623	52.9	133.0	GGGG			37	27
10349W	4726N	2565-16580	00000/0000	2-10021/0774	08/09/76	30	7878	49.4	131.1	GGGG			37	27
10349W	3544N	2382-16491	00000/0000	2-10015/0652	02/08/76	60	5326	29.3	140.6	FFPP			34	35
10350W	4729N	2583-16573	00000/0000	2-10022/0025	08/27/76	10	8129	44.8	136.5	FFGG			37	27
10350W	4729N	2727-16521	00000/0000	2-10024/0640	01/18/77	80	137	15.7	147.6	GGGG			37	27
10350W	3028N	2453-16430	00000/0000	2-10017/1557	04/19/76	10	6316	54.1	115.0	GGGF			33	39
10351W	4729N	2709-16525	00000/0000	2-10026/0136	12/31/76	50	9886	14.0	150.4	GGGG			37	27
10352W	4724N	2421-17020	00000/0000	2-10017/0149	03/18/76	0	5870	35.1	142.0	GGGG			37	27
10352W	4720N	2547-16533	00000/0000	2-10021/0057	07/22/76	20	7627	53.1	126.9	GGGG			37	27
10352W	4719N	2493-17000	00000/0000	2-10019/0334	05/29/76	10	6874	55.8	128.8	GGGG			37	27
10352W	4717N	2529-16590	00000/0000	2-10020/0493	07/04/76	20	7376	55.6	124.9	GGGG			37	27
10352W	3958N	2383-16534	00000/0000	2-10015/0667	02/09/76	50	5340	26.8	142.8	GGGG			35	32
10353W	4724N	2601-16570	00000/0000	2-10022/0981	09/14/76	10	8380	39.4	142.0	GGGG			37	27
10353W	3026N	2579-16393	00000/0000	2-10021/1297	08/23/76	20	8073	52.7	113.4	GGGG			33	39
10353W	3019N	2471-16423	00000/0000	2-10018/0772	05/07/76	60	6567	57.7	107.0	GGGG			33	39
10354W	4721N	2619-16562	00000/0000	2-10023/0343	10/02/76	60	8631	33.6	147.0	GGGG			37	27
10354W	4714N	2511-16593	00000/0000	2-10019/1130	06/16/76	90	7125	56.7	125.6	FFGG			37	27
10354W	3014N	2489-16421	00000/0000	2-10019/0093	05/25/76	90	6818	59.4	99.7	GGGG			33	39
10355W	4725N	2691-16534	00000/0000	2-10025/1191	12/13/76	50	9635	14.7	152.6	GGFF			37	27
10355W	3020N	2435-16433	00000/0000	2-10017/0881	04/01/76	0	6065	49.1	121.9	GGGG			33	39
10355W	3018N	2561-16401	00000/0000	2-10021/0586	08/05/76	10	7822	55.1	104.6	GGGG			33	39
10356W	4718N	2403-17023	00000/0000	2-10016/0577	02/29/76	50	5619	28.4	144.2	GGGF			37	27
10356W	4715N	2367-17032	00000/0000	2-10015/0154	01/24/76	40	5117	17.8	149.3	G			37	27
10356W	3023N	2705-16351	00000/0000	2-10026/0034	12/27/76	0	9830	26.4	143.5	GGGG			33	39
10357W	3020N	2723-16342	00000/0000	2-10026/0546	01/14/77	40	81	27.0	140.3	GGGG			33	39
10357W	3018N	2597-16391	00000/0000	2-10022/0765	09/10/76	90	8324	49.5	122.5	GGGG			33	39
10357W	3012N	2525-16411	00000/0000	2-10020/0292	06/30/76	10	7320	58.5	94.6	GGGG			33	39
10358W	4719N	2673-16542	00000/0000	2-10025/0609	11/25/76	90	9384	17.6	153.5	GGGG			37	27
10358W	4717N	2637-16555	00000/0000	2-10023/1174	10/20/76	10	8882	27.7	150.8	GGGG			37	27
10358W	3019N	2687-16355	00000/0000	2-10025/1142	12/09/76	20	9579	28.0	145.3	GGGG			33	39
10358W	3018N	2417-16441	00000/0000	2-10016/1135	03/14/76	10	5814	43.3	127.9	GGGG			33	39
10359W	4717N	2655-16551	00000/0000	2-10025/0054	11/07/76	10	9133	22.1	153.0	GGGG			37	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0635

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSR	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10359	4712N	2385-17030	00000/0000	2-10015/0817	02/11/76	70	5368	22.4	146.6	GGGF		37	27
10359	3014N	2669-16364	00000/0000	2-10025/0495	11/21/76	50	9328	31.4	145.2	GF GG		33	39
10401	3444N	2454-16473	00000/0000	2-10017/1628	04/20/76	10	6330	53.1	120.8	GGGG		34	36
10401	3016N	2615-16383	00000/0000	2-10023/0084	09/28/76	50	8575	45.5	131.1	GGGG		33	39
10401	3014N	2399-16444	00000/0000	2-10016/0362	02/25/76	10	5563	37.5	132.9	GGGG		33	39
10401	3012N	2633-16340	00000/0000	2-10023/1008	10/16/76	0	8826	40.8	138.1	GGGG		33	39
10402	4313N	2456-16562	00000/0000	2-10018/0068	04/22/76	60	6358	50.1	131.6	GGGG		36	30
10403	4314N	2438-16570	00000/0000	2-10017/0983	04/04/76	10	6107	44.0	135.5	GGGG		36	30
10403	3442N	2580-16440	00000/0000	2-10021/1353	08/24/76	10	8087	51.3	119.8	GGGG		34	36
10403	3439N	2436-16480	00000/0000	2-10017/0796	04/02/76	20	6079	47.7	126.6	GGGG		34	36
10403	3436N	2472-16470	00000/0000	2-10018/0804	05/08/76	40	6581	57.1	113.8	GGGG		34	36
10404	4310N	2474-16555	00000/0000	2-10018/1015	05/10/76	10	6609	54.7	126.9	GGGG		36	30
10405	4315N	2582-16530	00000/0000	2-10022/0163	08/26/76	20	8115	47.3	131.4	GGGG		36	30
10405	3859N	2455-16520	00000/0000	2-10017/1641	04/21/76	40	6344	51.7	126.3	GGGG		35	33
10405	3856N	2473-16513	00000/0000	2-10018/0852	05/09/76	20	6595	56.1	120.5	GGGG		35	33
10405	3438N	2562-16443	00000/0000	2-10021/0685	08/06/76	0	7836	54.4	111.8	GGGG		34	36
10405	3434N	2490-16463	00000/0000	2-10019/0187	05/26/76	20	6832	59.2	107.3	GGGG		34	36
10406	5008N	2530-17035	00000/0000	2-10020/0220	07/05/76	10	7390	54.4	129.5	GGGG		38	25
10406	5008N	2656-17000	00000/0000	2-10025/0100	11/08/76	10	9147	19.6	154.5	GGGG		38	25
10406	5005N	2512-17042	00000/0000	2-10019/1173	06/17/76	10	7139	56.5	130.2	GGGG		38	25
10406	4310N	2554-16533	00000/0000	2-10021/0822	08/08/76	10	7864	51.5	125.0	GGGG		36	30
10406	4310N	2690-16491	00000/0000	2-10025/1179	12/12/76	10	9621	18.1	150.8	GGGG		36	30
10406	4308N	2420-16573	00000/0000	2-10017/0180	03/17/76	50	5856	37.4	138.6	GGGG		36	30
10406	4305N	2492-16553	00000/0000	2-10019/0262	05/28/76	0	6860	57.4	121.9	GGGF		36	30
10406	3441N	2706-16393	00000/0000	2-10026/0064	12/28/76	0	9844	23.4	145.4	GGG		34	36
10406	3438N	2724-16385	00000/0000	2-10026/0572	01/15/77	0	95	24.3	142.3	GGGG		34	36
10407	5008N	2620-17012	00000/0000	2-10023/0356	10/03/76	90	8645	31.2	149.3	GGGG		38	25
10407	4313N	2708-16483	00000/0000	2-10026/0087	12/30/76	10	9872	17.2	148.8	GGGG		36	30
10407	4313N	2726-16474	00000/0000	2-10026/0743	01/17/77	90	123	18.6	145.8	GGGF		36	30
10407	4307N	2600-16523	00000/0000	2-10022/0969	09/13/76	10	8366	42.4	137.7	GGGG		36	30
10407	4305N	2528-16543	00000/0000	2-10022/0475	07/03/76	10	7362	57.1	117.7	GGGG		36	30
10407	3437N	2598-16433	00000/0000	2-10022/0778	09/11/76	0	8338	47.4	128.0	GGGG		34	36
10407	3436N	2688-16402	00000/0000	2-10025/1169	12/10/76	90	9593	24.8	147.2	GGGG		34	36
10407	3432N	2544-16451	00000/0000	2-10022/1221	07/19/76	30	7585	56.8	105.5	GGGG		34	36
10408	4303N	2546-16540	00000/0000	2-10021/0032	07/21/76	50	7613	54.8	120.0	GGGG		36	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=18% GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0436

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLDUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
10408.4	4301N	2510-16550	00000/0000	2-10019/1060	06/15/76	30	7111	58.1	118.3	GGGG		36	30
10408.4	3857N	2437-16523	00000/0000	2-10017/0846	04/03/76	0	6093	46.0	131.1	GGGG		35	33
10408.4	3856N	2563-16430	00000/0000	2-10021/0644	08/07/76	50	7850	53.2	118.6	GGGG		35	33
10408.4	3433N	2526-16454	00000/0000	2-10020/0306	07/01/76	10	7334	58.6	102.4	GGGG		34	36
10409.4	4306N	2618-16520	00000/0000	2-10023/0316	10/01/76	0	8617	36.9	143.5	GGGG		36	30
10409.4	3901N	2551-16483	00000/0000	2-10021/1399	08/25/76	10	8101	49.5	125.8	GGGG		35	33
10409.4	3434N	2616-16430	00000/0000	2-10023/0180	09/29/76	10	8589	42.8	135.6	GGGG		34	36
10409.4	3428N	2508-16461	00000/0000	2-10019/0810	06/13/76	10	7083	59.5	102.9	GGGG		34	36
10410.4	5005N	2368-17081	00000/0000	2-10015/0102	01/25/76	50	5131	15.9	150.5	GGFG		38	25
10410.4	5002N	2404-17073	00000/0000	2-10016/0644	03/01/76	100	5633	26.9	145.9	FGF		38	25
10410.4	4302N	2366-16535	00000/0000	2-10015/0092	01/23/76	90	5103	20.7	147.4	GGFG		36	30
10410.4	3855N	2725-16432	00000/0000	2-10026/0593	01/16/77	20	109	21.4	144.1	GGGG		35	33
10410.4	3851N	2419-16530	00000/0000	2-10016/1221	03/16/76	30	5842	39.5	135.1	GGGG		35	33
10410.4	3849N	2545-16493	00000/0000	2-10020/1191	07/20/76	90	7599	56.1	112.9	GGGG		35	33
10410.4	3431N	2670-16410	00000/0000	2-10025/0556	11/22/76	10	9342	28.0	147.5	GGGG		34	36
10411.4	4302N	2636-16512	00000/0000	2-10023/1132	10/19/76	20	8868	31.1	147.9	GGGG		36	30
10411.4	4301N	2402-16530	00000/0000	2-10016/0549	02/28/76	70	5605	30.8	141.4	GGGG		36	30
10411.4	3858N	2707-16440	00000/0000	2-10026/0076	12/29/76	20	9858	20.3	147.1	GGGG		35	33
10411.4	3849N	2431-16510	00000/0000	2-10019/0219	05/27/76	10	6846	58.5	114.7	GGFF		35	33
10411.4	3847N	2527-16501	00000/0000	2-10020/0409	07/02/76	10	7348	58.1	110.1	GGGF		35	33
10411.4	3430N	2634-16423	00000/0000	2-10023/0983	10/17/76	0	8840	37.7	141.7	GGGF		34	36
10411.4	3429N	2400-16431	00000/0000	2-10016/0475	02/26/76	0	5577	35.4	135.8	GGGG		34	36
10412.4	4304N	2672-16500	00000/0000	2-10025/0597	11/24/76	10	9370	21.1	151.6	GGGG		36	30
10412.4	3853N	2639-16480	00000/0000	2-10022/0865	09/12/76	30	8352	45.1	133.1	GGGG		35	33
10412.4	3846N	2509-16503	00000/0000	2-10019/0948	06/14/76	20	7097	59.1	110.7	FGFG		35	33
10413.4	4304N	2654-16504	00000/0000	2-10025/0021	11/06/76	20	9119	25.7	150.7	GGGG		36	30
10413.4	3852N	2617-16473	00000/0000	2-10023/0162	09/30/76	0	8603	39.9	139.8	FGGG		35	33
10413.4	3852N	2689-16444	00000/0000	2-10025/1086	12/11/76	10	9607	21.5	149.1	GGGG		35	33
10414.4	3850N	2671-16453	00000/0000	2-10025/0569	11/23/76	10	9356	24.6	149.6	GGGG		35	33
10414.4	3847N	2401-16534	00000/0000	2-10016/0507	02/27/76	90	5591	33.2	138.7	GGGG		35	33
10415.4	3418N	2382-16494	00000/0000	2-10015/0653	02/08/76	30	5326	30.3	139.7	GGFG		34	36
10415.4	2901N	2453-16432	00000/0000	2-10017/1558	04/19/76	0	6316	54.5	112.9	GGGG		33	40
10416.4	3846N	2365-16542	00000/0000	2-10015/0139	01/22/76	0	5089	23.6	145.5	GGGG		35	33
10416.4	3845N	2653-16461	00000/0000	2-10025/0009	11/05/76	10	9105	29.2	148.2	GGGG		35	33
10417.4	4248N	2384-16584	00000/0000	2-10015/0809	02/10/76	60	5354	25.2	144.2	FFFF		36	30

KEYS: CLDUD COVER ..... 0 TO 100 % CLDUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0637

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
10417	3846N	2635-16465	00000/0000	2-10023/1034	10/18/76	70	8854	34.5	144.9	GGGG		35	33
10417	2859N	2579-16400	00000/0000	2-10021/1298	08/23/76	10	8073	53.0	111.4	GGGG		33	40
10417	2853N	2471-16430	00000/0000	2-10018/0773	05/07/76	30	6567	57.8	104.5	GGGG		33	40
10418	2852N	2561-16403	00000/0000	2-10021/0587	08/05/76	10	7822	55.2	102.4	GGGG		33	40
10418	2848N	2489-16423	00000/0000	2-10019/0094	05/25/76	90	6818	59.3	97.1	GGGG		33	40
10419	2853N	2435-16440	00000/0000	2-10017/0882	04/01/76	0	6065	49.6	120.2	GGGG		33	40
10421	3833N	2383-16541	00000/0000	2-10015/0668	02/09/76	40	5340	27.7	142.0	GGGF		35	33
10421	2857N	2705-16353	00000/0000	2-10026/0035	12/27/76	0	9830	27.4	142.8	GGGG		33	40
10421	2854N	2723-16345	00000/0000	2-10026/0547	01/14/77	10	81	27.9	139.6	GGGF		33	40
10421	2853N	2687-16362	00000/0000	2-10025/1143	12/09/76	20	9579	29.1	144.6	GGGG		33	40
10421	2852N	2597-16393	00000/0000	2-10022/0766	09/10/76	80	8324	50.0	120.8	GGGG		33	40
10421	2847N	2525-16414	00000/0000	2-10020/0293	06/30/76	20	7320	58.3	92.1	GGGG		33	40
10422	2852N	2417-16443	00000/0000	2-10016/1136	03/14/76	30	5814	43.9	126.5	GGGG		33	40
10423	4606N	2439-17015	00000/0000	2-10017/0996	04/05/76	0	6121	42.8	138.2	GGGG		37	28
10423	4605N	2457-17012	00000/0000	2-10018/0082	04/23/76	100	6372	48.9	135.0	GGGG		37	28
10423	2848N	2669-16370	00000/0000	2-10025/0496	11/21/76	10	9328	32.4	144.4	GGGG		33	40
10424	4603N	2475-17005	00000/0000	2-10018/0948	05/11/76	50	6623	53.6	130.9	FFFG		37	28
10424	4601N	2565-16552	00000/0000	2-10021/0775	08/09/76	40	7878	50.1	129.2	GGGG		37	28
10425	4604N	2583-16575	00000/0000	2-10022/0026	08/27/76	10	8129	45.5	134.9	GGGG		37	28
10425	4603N	2727-16524	00000/0000	2-10026/0641	01/18/77	90	137	16.7	147.0	GGGG		37	28
10425	2849N	2615-16390	00000/0000	2-10023/0085	09/28/76	10	8575	46.2	129.7	GGGG		33	40
10425	2847N	2399-16451	00000/0000	2-10016/0363	02/25/76	50	5563	38.3	131.8	FGFF		33	40
10425	2847N	2633-16332	00000/0000	2-10023/1009	10/16/76	10	8826	41.7	136.9	GGGG		33	40
10426	4604N	2709-16532	00000/0000	2-10026/0137	12/31/76	60	9886	15.1	149.8	GGGG		37	28
10427	4559N	2601-16572	00000/0000	2-10022/0982	09/14/76	20	8380	40.3	140.7	GGGG		37	28
10427	4558N	2421-17022	00000/0000	2-10017/0150	03/18/76	10	5870	36.0	140.8	GGGG		37	28
10427	4555N	2547-16585	00000/0000	2-10021/0058	07/22/76	10	7627	53.7	124.7	GGGG		37	28
10427	4554N	2493-17002	00000/0000	2-10019/0335	05/29/76	30	6874	56.4	126.4	GGGG		37	28
10427	4553N	2529-16593	00000/0000	2-10020/0494	07/04/76	30	7376	56.2	122.5	GGGG		37	28
10427	3318N	2454-16475	00000/0000	2-10017/1629	04/20/76	10	6330	53.6	118.7	GGGG		34	37
10428	2836N	2381-16454	00000/0000	2-10015/0625	02/07/76	10	5312	33.6	136.5	GGFG		33	40
10429	4557N	2619-16565	00000/0000	2-10023/0344	10/02/76	60	8631	34.6	145.9	GGGG		37	28
10429	4549N	2511-17000	00000/0000	2-10019/1131	06/16/76	90	7125	57.2	123.1	GGGG		37	28
10429	3316N	2580-16443	00000/0000	2-10021/1354	08/24/76	90	8087	51.7	117.8	GGGG		34	37
10429	3313N	2436-16483	00000/0000	2-10017/0797	04/02/76	70	6079	48.3	125.0	GGGG		34	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0638

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10429	3310N	2472-16472	00000/0000	2-10018/0805	05/08/76	80	6581	57.4	111.4	GGGG				34	37
10430	4601N	2691-16540	00000/0000	2-10025/1192	12/13/76	50	9635	15.8	152.0	GGGG				37	28
10431	4553N	2403-17030	00000/0000	2-10016/0578	02/29/76	90	5619	29.3	143.2	GGFG				37	28
10431	4550N	2367-17035	00000/0000	2-10015/0155	01/24/76	30	5117	18.9	148.6	GGGG				37	28
10431	3312N	2562-16450	00000/0000	2-10021/0686	08/06/76	0	7836	54.7	109.6	GGGG				34	37
10431	3309N	2490-16470	00000/0000	2-10019/0188	05/26/76	10	6832	59.3	104.7	GGGG				34	37
10432	4554N	2673-16545	00000/0000	2-10025/0610	11/25/76	80	9384	18.7	152.9	GGGG				37	28
10432	3314N	2706-16430	00000/0000	2-10026/0065	12/28/76	10	9844	24.4	144.7	GGGG				34	37
10432	3313N	2724-16392	00000/0000	2-10026/0573	01/15/77	0	95	25.2	141.6	GGGG				34	37
10432	3310N	2688-16424	00000/0000	2-10025/1170	12/10/76	90	9593	25.8	146.6	GGGG				34	37
10432	3306N	2544-16453	00000/0000	2-10020/1222	07/19/76	30	7585	56.9	103.1	GGGG				34	37
10433	4552N	2637-16561	00000/0000	2-10023/1175	10/20/76	40	8882	28.7	149.9	GGGG				37	28
10433	4547N	2385-17032	00000/0000	2-10015/0818	02/11/76	60	5368	23.4	145.8	GGGF				37	28
10433	4148N	2456-16565	00000/0000	2-10018/0069	04/22/76	30	6358	50.7	129.8	GGGG				36	31
10433	3733N	2455-16522	00000/0000	2-10017/1642	04/21/76	10	6344	52.3	124.4	GGGG				35	34
10433	3730N	2473-16515	00000/0000	2-10018/0853	05/09/76	30	6595	56.5	118.2	GGGG				35	34
10433	3307N	2526-16460	00000/0000	2-10020/0307	07/01/76	10	7334	58.6	99.8	GGGG				34	37
10434	4553N	2655-16553	00000/0000	2-10025/0055	11/07/76	0	9133	23.2	152.3	GGGG				37	28
10434	4148N	2438-16572	00000/0000	2-10017/0984	04/04/76	0	6107	44.8	134.0	FGGG				36	31
10434	3312N	2598-16440	00000/0000	2-10022/0779	09/11/76	10	8338	48.1	126.4	GGGG				34	37
10434	3307N	2418-16430	00000/0000	2-10016/1210	03/15/76	10	5828	42.2	130.2	GGGG				34	37
10434	3301N	2508-16463	00000/0000	2-10019/0811	06/13/76	20	7083	59.6	100.2	GGGG				34	37
10435	4144N	2474-16562	00000/0000	2-10018/1016	05/10/76	10	6609	55.2	124.7	GGGG				36	31
10435	3309N	2616-16433	00000/0000	2-10023/0181	09/29/76	10	8589	43.6	134.3	GGGG				34	37
10436	4858N	2458-17061	00000/0000	2-10018/0094	04/24/76	50	6386	47.6	138.3	GGGG				38	26
10436	4150N	2582-16532	00000/0000	2-10022/0164	08/26/76	20	8115	48.0	129.7	GGGG				36	31
10436	3731N	2437-16525	00000/0000	2-10017/0847	04/03/76	10	6093	46.7	129.6	GGGG				35	34
10436	3730N	2563-16493	00000/0000	2-10021/0645	08/07/76	60	7850	53.6	116.5	GGGG				35	34
10436	3305N	2670-16413	00000/0000	2-10025/0557	11/22/76	20	9342	29.1	146.7	GGGG				34	37
10437	4857N	2440-17064	00000/0000	2-10017/1037	04/06/76	0	6135	41.4	140.9	GGGG				38	26
10437	4851N	2476-17054	00000/0000	2-10018/0997	05/12/76	90	6637	52.4	134.8	GF GG				38	26
10437	4145N	2564-16535	00000/0000	2-10021/0823	08/08/76	20	7864	52.0	123.0	GGGG				36	31
10437	4145N	2690-16494	00000/0000	2-10025/1180	12/12/76	0	9621	19.2	150.2	GGGG				36	31
10437	4140N	2492-16555	00000/0000	2-10019/0263	05/28/76	10	6860	57.9	119.5	GGGF				36	31
10437	4139N	2528-16550	00000/0000	2-10020/0476	07/03/76	10	7362	57.5	115.2	GGGG				36	31

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0639

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN RPL RBV	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10437	3735N	2581-16485	00000/0000	2-10021/1400	08/25/76	10	8101	50.0	124.0	GGGG			35	34
10437	3303N	2430-16493	00000/0000	2-10016/0476	02/26/76	0	5577	36.2	134.8	GGGG			34	37
10438	4147N	2726-16481	00000/0000	2-10026/0744	01/17/77	90	123	19.6	148.2	GGGG			36	31
10438	4143N	2420-16580	00000/0000	2-10017/0181	03/17/76	80	5856	38.2	137.4	GGGG			36	31
10438	4138N	2546-16543	00000/0000	2-10021/0033	07/21/76	50	7613	55.3	117.8	GGGG			36	31
10438	3729N	2725-16434	00000/0000	2-10026/0594	01/16/77	10	109	22.4	143.4	GGGG			35	34
10438	3723N	2491-16513	00000/0000	2-10019/0220	05/27/76	10	6846	58.8	112.2	GGFF			35	34
10438	3723N	2545-16500	00000/0000	2-10020/1192	07/20/76	60	7599	56.3	110.6	GGGG			35	34
10438	3304N	2634-16425	00000/0000	2-10023/0984	10/17/76	0	8840	38.7	140.6	GGGG			34	37
10439	4857N	2710-16561	00000/0000	2-10026/0149	01/01/77	20	9900	12.9	150.9	FGGF			38	26
10439	4854N	2728-16573	00000/0000	2-10026/0653	01/19/77	0	151	14.9	148.1	GGGG			38	26
10439	4853N	2566-17031	00000/0000	2-10021/0832	08/10/76	30	7892	48.5	133.3	GGGG			38	26
10439	4148N	2708-16485	00000/0000	2-10026/0088	12/30/76	80	9872	18.2	148.2	GGGG			36	31
10439	4142N	2600-16525	00000/0000	2-10022/0970	09/13/76	10	8366	43.2	136.3	GGGG			36	31
10439	4136N	2510-16553	00000/0000	2-10019/1061	06/15/76	30	7111	58.5	115.8	FGGG			36	31
10439	3732N	2707-16442	00000/0000	2-10026/0077	12/29/76	20	9858	21.3	146.5	GG G			35	34
10439	3725N	2419-16533	00000/0000	2-10016/1222	03/16/76	20	5842	40.3	133.9	GGGG			35	34
10439	3722N	2527-16503	00000/0000	2-10020/0410	07/02/76	30	7348	58.3	107.5	GGGG			35	34
10439	2734N	2453-16435	00000/0000	2-10017/1559	04/19/76	20	6316	54.8	110.7	GGGG			33	41
10440	4855N	2584-17024	00000/0000	2-10022/0079	08/28/76	90	8143	43.6	138.4	GGGG			38	26
10440	3252N	2382-16500	00000/0000	2-10015/0643	02/08/76	40	5326	31.2	138.9	P FP			34	37
10441	4847N	2548-17035	00000/0000	2-10021/0135	07/23/76	0	7641	52.3	129.2	GGGG			38	26
10441	4141N	2618-16522	00000/0000	2-10023/0317	10/01/76	0	8617	37.8	142.4	GFGG			36	31
10441	3727N	2599-16433	00000/0000	2-10022/0866	09/12/76	20	8352	45.8	131.6	GGGG			35	34
10441	3726N	2617-16475	00000/0000	2-10023/0163	09/30/76	0	8603	40.8	138.5	GGGG			35	34
10441	3726N	2659-16451	00000/0000	2-10025/1087	12/11/76	0	9607	22.5	148.5	GGGG			35	34
10441	3722N	2401-16540	00000/0000	2-10016/0508	02/27/76	70	5591	34.0	137.7	GGGG			35	34
10441	3721N	2509-16510	00000/0000	2-10019/0949	06/14/76	10	7097	59.3	108.1	FGGG			35	34
10441	2731N	2579-16402	00000/0000	2-10021/1299	08/23/76	10	8073	53.2	109.3	GGGG			33	41
10441	2727N	2471-16432	00000/0000	2-10018/0774	05/07/76	0	6567	57.9	102.1	GGGG			33	41
10442	4852N	2692-16585	00000/0000	2-10025/1254	12/14/76	70	9649	13.5	153.1	GFGG			38	26
10442	4850N	2602-17021	00000/0000	2-10022/1025	09/15/76	50	8394	38.2	143.6	GGGG			38	26
10442	4846N	2494-17051	00000/0000	2-10019/0346	05/30/76	10	6888	55.3	130.9	FGGG			38	26
10442	4139N	2672-16502	00000/0000	2-10025/0598	11/24/76	10	9370	22.2	150.9	GGGG			36	31
10442	4137N	2366-16532	00000/0000	2-10015/0093	01/23/76	60	5103	21.7	146.7	GGGG			36	31

KEYS: CLOUD COVER : ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0640

FBR '75  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10442N	4137N	2636-16515	00000/0000	2-10023/1193	10/19/76	10	8868	32.2	147.0	GGGG		36	31
10442N	4136N	2402-16583	00000/0000	2-10016/0550	02/28/76	70	5605	31.7	140.4	GGFG		36	31
10442N	3724N	2671-16455	00000/0000	2-10025/0570	11/23/76	0	9356	25.7	148.9	GGGG		36	34
10442N	2727N	2435-16442	00000/0000	2-10017/0883	04/01/76	10	6065	50.1	118.4	GGGG		33	41
10442N	2722N	2489-16430	00000/0000	2-10019/0095	05/25/76	30	6818	59.2	94.5	GGGG		33	41
10443N	4137N	2654-16510	00000/0000	2-10025/0022	11/06/76	30	9119	26.7	149.9	GGGG		36	31
10444N	4846N	2422-17072	00000/0000	2-10017/0163	03/19/76	90	5884	34.6	143.0	GGGG		38	26
10444N	4846N	2674-16594	00000/0000	2-10025/0656	11/26/76	40	9398	16.2	154.2	GGGG		38	26
10444N	4844N	2530-17042	00000/0000	2-10020/0221	07/05/76	10	7390	55.0	127.3	GGGG		38	26
10444N	4843N	2656-17002	00000/0000	2-10025/0101	11/08/76	10	9147	20.7	153.8	GGGG		38	26
10444N	4841N	2512-17045	00000/0000	2-10019/1174	06/17/76	20	7139	56.1	127.9	FGGG		38	26
10444N	3720N	2365-16545	00000/0000	2-10015/0140	11/22/76	0	5089	24.6	144.8	GGGG		35	34
10444N	3719N	2653-16464	00000/0000	2-10025/0010	11/05/76	10	9105	30.3	147.4	GGGG		35	34
10444N	2722N	2525-16420	00000/0000	2-10020/0294	06/30/76	50	7320	58.1	89.7	GGGG		33	41
10445N	3720N	2635-16472	00000/0000	2-10023/1035	10/18/76	50	8854	35.5	143.9	GGGF		35	34
10445N	2731N	2705-16360	00000/0000	2-10024/0036	12/27/76	0	9830	28.4	142.1	GGGG		33	41
10445N	2727N	2687-16364	00000/0000	2-10025/1131	12/09/76	70	9579	30.1	143.8	G G		33	41
10445N	2727N	2723-16351	00000/0000	2-10026/0548	11/14/77	0	81	28.9	138.9	GGGG		33	41
10445N	2726N	2597-16400	00000/0000	2-10022/0767	09/10/76	40	8324	50.5	119.0	GGGG		33	41
10446N	4844N	2620-17014	00000/0000	2-10023/0357	10/03/76	90	8645	32.3	148.3	GGGG		38	26
10446N	2726N	2417-16450	00000/0000	2-10016/1137	03/14/76	50	5814	44.5	125.1	GGGG		33	41
10446N	2723N	2669-16373	00000/0000	2-10025/0497	11/21/76	0	9328	33.4	143.5	GGGG		33	41
10447N	4841N	2638-17010	00000/0000	2-10023/1242	10/21/76	10	8896	26.3	151.8	GGGG		38	26
10447N	4838N	2404-17075	00000/0000	2-10016/0645	03/01/76	100	5633	27.8	144.9	GGG FGGG		38	26
10448N	4840N	2368-17054	00000/0000	2-10015/0103	01/25/76	30	5131	17.0	149.8	FGGG		38	26
10449N	3708N	2383-16543	00000/0000	2-10015/0669	02/09/76	30	5340	28.7	141.2	GGGG		35	34
10449N	2723N	2615-16392	00000/0000	2-10023/0086	09/28/76	30	8575	46.9	128.2	GGGG		33	41
10449N	2721N	2399-16453	00000/0000	2-10016/0364	02/25/76	80	5563	39.0	130.7	FGFG		33	41
10449N	2720N	2633-16385	00000/0000	2-10023/1010	10/16/76	10	8826	42.5	135.7	GGGG		33	41
10452N	2710N	2351-16460	00000/0000	2-10015/0626	02/07/76	0	5312	34.4	135.5	GGGG		33	41
10453N	3151N	2454-16482	00000/0000	2-10017/1630	04/20/76	0	6330	54.0	116.6	GGGG		34	38
10454N	3149N	2580-16445	00000/0000	2-10021/1355	08/24/76	40	8087	52.2	115.9	GGGG		34	38
10454N	3147N	2436-16485	00000/0000	2-10017/0798	04/02/76	90	6079	48.9	123.3	GGGG		34	38
10454N	3144N	2472-16475	00000/0000	2-10018/0806	05/08/76	90	6581	57.6	109.0	GGGG		34	38
10456N	4439N	2457-17014	00000/0000	2-10018/0083	04/23/76	90	6372	49.6	133.2	GGGG		37	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0641

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10456N	3145N	2562-16452	00000/0000	2-10021/0687	08/06/76	10	7836	54.8	107.3	GGGG		34	38
10456N	3143N	2490-16472	00000/0000	2-10019/0189	05/26/76	10	6832	59.4	102.0	GGGG		34	38
10457N	4441N	2439-17021	00000/0000	2-10017/0997	04/05/76	0	6121	43.6	136.8	GGGG		37	29
10457N	4438N	2475-17011	00000/0000	2-10018/0949	05/11/76	60	6623	54.2	128.8	GGGG		37	29
10457N	4436N	2565-16585	00000/0000	2-10021/0776	08/09/76	20	7878	50.7	127.3	GGGG		37	29
10457N	3144N	2688-16411	00000/0000	2-10025/1171	12/10/76	90	9593	26.9	145.9	GGGG		34	38
10457N	3140N	2544-16460	00000/0000	2-10020/1223	07/19/76	30	7585	56.9	100.7	GGGG		34	38
10458N	3148N	2706-16402	00000/0000	2-10026/0666	12/28/76	30	9844	25.4	144.0	GGGG		34	38
10458N	3147N	2724-16394	00000/0000	2-10026/0574	01/15/77	0	95	26.2	140.9	GGGG		34	38
10458N	3142N	2526-16463	00000/0000	2-10020/0308	07/01/76	10	7334	58.5	97.3	GGGG		34	38
10459N	4439N	2583-16582	00000/0000	2-10022/0027	08/27/76	0	8129	46.3	133.3	GGGG		37	29
10459N	4439N	2709-16534	00000/0000	2-10026/0138	12/31/76	90	9886	16.1	149.2	GGGG		37	29
10459N	4438N	2727-16530	00000/0000	2-10026/0642	01/18/77	90	137	17.7	146.3	GGGG		37	29
10459N	3146N	2598-16442	00000/0000	2-10022/0780	09/11/76	10	8338	48.7	124.8	GGGG		34	38
10459N	3141N	2418-16493	00000/0000	2-10016/1211	03/15/76	10	5828	42.9	128.9	GGGG		34	38
10500N	4434N	2421-17025	00000/0000	2-10017/0151	03/18/76	10	5870	36.9	139.6	GGGG		37	29
10500N	4430N	2547-16592	00000/0000	2-10021/0059	07/22/76	10	7627	54.2	122.5	GGGG		37	29
10500N	4429N	2493-17005	00000/0000	2-10019/0336	05/29/76	20	6874	57.0	124.1	GGGG		37	29
10500N	4428N	2529-16595	00000/0000	2-10020/0495	07/04/76	20	7376	56.6	120.1	GGGG		37	29
10500N	3607N	2455-16525	00000/0000	2-10017/1633	04/21/76	0	6344	52.9	122.4	GGGG		35	35
10500N	3604N	2473-16522	00000/0000	2-10018/0854	05/09/76	10	6595	56.9	115.9	GGGG		35	35
10500N	3143N	2616-16435	00000/0000	2-10023/0182	09/29/76	20	8589	44.4	133.0	GGGG		34	38
10500N	3136N	2508-16470	00000/0000	2-10019/0812	06/13/76	10	7083	59.5	97.6	GGGG		34	38
10501N	4434N	2601-16575	00000/0000	2-10022/0983	09/14/76	70	8380	41.2	139.4	GGGG		37	29
10502N	4424N	2511-17002	00000/0000	2-10019/1132	06/16/76	60	7125	57.7	120.7	GGGG		37	29
10502N	3139N	2670-16415	00000/0000	2-10025/0558	11/22/76	10	9342	30.1	146.0	GGGG		34	38
10502N	3137N	2400-16500	00000/0000	2-10016/0477	02/26/76	0	5577	37.0	133.7	GGGG		34	38
10503N	4435N	2691-16543	00000/0000	2-10025/1193	12/13/76	80	9635	16.9	151.4	GGGG		37	29
10503N	4431N	2619-16571	00000/0000	2-10023/0345	10/02/76	60	8631	35.6	144.9	GGGG		37	29
10503N	4023N	2438-16575	00000/0000	2-10017/0985	04/04/76	10	6107	45.6	132.5	GGGG		36	32
10503N	4022N	2456-16571	00000/0000	2-10018/0070	04/22/76	30	6358	51.4	127.9	GGGG		36	32
10503N	3605N	2437-16532	00000/0000	2-10017/0848	04/03/76	10	6093	47.4	128.0	GGGG		35	35
10503N	3138N	2634-16432	00000/0000	2-10023/0985	10/17/76	10	8840	39.6	139.5	GGGG		34	38
10504N	4428N	2403-17032	00000/0000	2-10016/0579	02/29/76	100	5619	30.3	142.2	GGGG		37	29
10504N	3609N	2581-16492	00000/0000	2-10021/1401	08/25/76	10	8101	50.6	122.2	GGGG		35	35

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0642

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10504N	3604N	2563-16495	00000/0000	2-10021/0646	08/07/76	20	7850	53.9	114.4	GGGG		35	35
10504N	3127N	2382-16503	00000/0000	2-10015/0654	02/08/76	30	5326	32.1	138.0	GFGG		34	38
10505N	4019N	2474-16564	00000/0000	2-10018/0617	05/10/76	20	6609	55.8	122.5	GGGG		36	32
10505N	3558N	2491-16515	00000/0000	2-10019/0221	05/27/76	10	6846	59.1	109.6	GGGG		35	35
10505N	3557N	2545-16502	00000/0000	2-10020/1193	07/20/76	20	7599	56.5	108.2	GGGG		35	35
10506N	4428N	2673-16551	00000/0000	2-10025/0611	11/25/76	70	9384	19.8	152.2	GGGG		37	29
10506N	4427N	2637-16564	00000/0000	2-10023/1176	10/20/76	60	8882	29.8	149.0	GGGG		37	29
10506N	4024N	2582-16535	00000/0000	2-10022/0165	08/26/76	10	8115	48.6	127.9	FGGG		36	32
10506N	3606N	2707-16445	00000/0000	2-10026/0078	12/29/76	10	9858	22.4	145.8	GGGG		35	35
10506N	3603N	2725-16441	00000/0000	2-10026/0595	01/16/77	20	109	23.4	142.7	GGGG		35	35
10506N	3559N	2419-16535	00000/0000	2-10016/1223	03/16/76	10	5842	41.1	132.6	GGGG		35	35
10506N	3556N	2527-16510	00000/0000	2-10020/0411	07/02/76	20	7348	58.4	105.0	GGGG		35	35
10507N	4428N	2655-16560	00000/0000	2-10025/0056	11/07/76	0	9133	24.3	151.5	GGGG		37	29
10507N	4423N	2385-17035	00000/0000	2-10015/0819	02/11/76	50	5368	24.4	145.0	GGGG		37	29
10507N	4019N	2564-16542	00000/0000	2-10021/0824	08/08/76	40	7864	52.5	121.0	GGGG		36	32
10507N	4019N	2690-16500	00000/0000	2-10025/1181	12/12/76	0	9621	20.3	149.6	GGGG		36	32
10507N	4014N	2528-16552	00000/0000	2-10020/0477	07/03/76	10	7362	57.8	112.7	GGGG		36	32
10508N	4022N	2726-16483	00000/0000	2-10026/0745	01/17/77	70	123	20.6	144.5	GGGG		36	32
10508N	4017N	2420-16582	00000/0000	2-10017/0182	03/17/76	50	5856	39.1	136.2	GGGG		36	32
10508N	4014N	2492-16562	00000/0000	2-10019/0264	05/28/76	10	6860	58.3	117.0	GGGG		36	32
10508N	4012N	2546-16545	00000/0000	2-10021/0034	07/21/76	50	7613	55.6	115.5	GGGG		36	32
10508N	3601N	2599-16485	00000/0000	2-10022/0867	09/12/76	10	8352	46.5	130.0	GGGG		35	35
10508N	3555N	2509-16512	00000/0000	2-10019/0950	06/14/76	10	7097	59.4	105.4	GGGG		35	35
10509N	4022N	2708-16492	00000/0000	2-10026/0089	12/30/76	80	9872	19.3	147.5	GFGG		36	32
10509N	4010N	2510-16555	00000/0000	2-10019/1062	06/15/76	30	7111	58.8	113.2	GGGG		36	32
10509N	3601N	2617-16482	00000/0000	2-10023/0164	09/30/76	0	8603	41.7	137.3	FGGG		35	35
10509N	3600N	2689-16453	00000/0000	2-10025/1088	12/11/76	0	9607	23.6	147.8	GGGG		35	35
10509N	3558N	2671-16462	00000/0000	2-10025/0571	11/23/76	0	9356	26.7	148.2	GGGG		35	35
10510N	4016N	2600-16532	00000/0000	2-10022/0971	09/13/76	50	8366	44.0	134.9	GGGG		36	32
10511N	4015N	2618-16525	00000/0000	2-10023/0318	10/01/76	0	8617	38.7	141.2	GGGG		36	32
10511N	4012N	2366-16594	00000/0000	2-10015/0094	01/23/76	0	5103	22.8	146.0	GGGG		36	32
10511N	3555N	2365-16551	00000/0000	2-10015/0141	01/22/76	10	5089	25.6	144.1	GGGG		35	35
10511N	3554N	2633-16470	00000/0000	2-10025/0011	11/05/76	10	9105	31.3	146.6	GGGG		35	35
10512N	4733N	2438-17063	00000/0000	2-10018/0095	04/24/76	80	6386	48.4	136.6	GGGG		38	27
10512N	4013N	2672-16505	00000/0000	2-10025/0599	11/24/76	10	9370	23.3	150.3	GGGG		36	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER,  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 177

LANDSAT-2  
COORDINATE LISTING

PAGE 0643

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10512N	4012N	2636-16521	00000/0000	2-10023/1194	10/19/76	0	8868	33.2	146.1	GGGG		36	32
10512N	4011N	2402-16585	00000/0000	2-10016/0551	02/28/76	50	5605	32.6	139.5	GGGG		36	32
10512N	3555N	2635-16474	00000/0000	2-10027/1036	10/18/76	40	8854	35.5	142.9	GGGP		35	35
10513N	4012N	2654-16513	00000/0000	2-10025/0023	11/06/76	60	9119	27.8	149.2	GGGG		36	32
10514N	4731N	2440-17070	00000/0000	2-10017/1038	04/06/76	10	6135	42.3	139.5	GGGF		38	27
10514N	4726N	2476-17060	00000/0000	2-10018/0998	05/12/76	80	6637	53.1	132.7	GGGG		38	27
10515N	4728N	2566-17034	00000/0000	2-10021/0833	08/10/76	30	7892	49.2	131.4	GGGG		38	27
10516N	4731N	2584-17031	00000/0000	2-10022/0080	08/28/76	40	8143	44.5	136.9	GGGG		38	27
10516N	4731N	2710-16583	00000/0000	2-10026/0150	01/01/77	40	9900	14.0	150.3	GGGG		38	27
10516N	4729N	2728-16575	00000/0000	2-10026/0654	01/19/77	0	151	15.9	147.5	GGGG		38	27
10516N	3542N	2383-16550	00000/0000	2-10015/0670	02/09/76	20	5340	29.6	140.4	GGGG		35	35
10517N	4722N	2548-17041	00000/0000	2-10021/0136	07/23/76	10	7641	52.9	127.1	GGGG		38	27
10517N	3025N	2454-16484	00000/0000	2-10017/1631	04/20/76	0	6330	54.4	114.5	GGGG		34	39
10518N	4727N	2692-16532	00000/0000	2-10025/1255	12/14/76	10	9645	14.6	152.5	GGGG		38	27
10518N	4726N	2602-17024	00000/0000	2-10022/1026	09/15/76	40	8394	39.1	142.4	GGGG		38	27
10518N	4721N	2494-17054	00000/0000	2-10019/0347	05/30/76	20	6888	55.9	128.6	GGGG		38	27
10518N	3958N	2384-16593	00000/0000	2-10015/0810	02/10/76	50	5354	27.1	142.6	GGGG		36	32
10519N	3022N	2580-16462	00000/0000	2-10021/1356	08/24/76	10	8087	52.5	113.9	GGGG		34	39
10519N	3021N	2436-16492	00000/0000	2-10017/0799	04/02/76	40	6079	49.4	121.5	GGGG		34	39
10519N	3018N	2472-16481	00000/0000	2-10018/0807	05/08/76	70	6581	57.8	106.5	GGGG		34	39
10520N	4719N	2530-17044	00000/0000	2-10020/0222	07/05/76	10	7390	55.5	124.9	GGGG		38	27
10520N	4716N	2512-17051	00000/0000	2-10019/1175	06/17/76	60	7139	56.7	125.5	GGGG		38	27
10521N	4722N	2422-17074	00000/0000	2-10017/0164	03/19/76	80	5884	35.5	141.8	GGGG		38	27
10521N	4722N	2674-17000	00000/0000	2-10025/0657	11/26/76	40	9398	17.4	153.5	GGGG		38	27
10521N	4718N	2656-17005	00000/0000	2-10025/0102	11/08/76	90	9147	21.8	153.1	GGGG		38	27
10521N	3019N	2562-16455	00000/0000	2-10021/0688	08/06/76	10	7836	55.0	105.1	FGGG		34	39
10521N	3016N	2490-16475	00000/0000	2-10019/0190	05/26/76	0	6832	59.4	99.4	GGGG		34	39
10522N	4719N	2620-17021	00000/0000	2-10023/0358	10/03/76	90	8645	33.3	147.2	GGGG		38	27
10522N	3018N	2688-16413	00000/0000	2-10025/1172	12/10/76	100	9593	27.9	145.2	GGGG		34	39
10522N	3016N	2526-16465	00000/0000	2-10020/0309	07/01/76	10	7334	58.4	94.7	GGGG		34	39
10523N	4716N	2638-17013	00000/0000	2-10023/1243	10/21/76	10	8896	27.3	150.9	GGGG		38	27
10523N	4713N	2404-17032	00000/0000	2-10016/0646	03/01/76	100	5633	28.8	144.0	PGGF	GP	38	27
10523N	3023N	2706-16405	00000/0000	2-10026/0067	12/28/76	60	9844	26.4	143.4	GGGG		34	39
10523N	3021N	2724-16401	00000/0000	2-10026/0575	01/15/77	0	95	27.1	140.1	GGGG		34	39
10524N	4716N	2368-17090	00000/0000	2-10015/0104	01/25/76	60	5131	18.0	149.1	GGGG		38	27

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0644

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN RELI MSG	DATE ACQUIRED	CLBD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA M8DF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10524	4714N	2386-17084	00000/0000	2-10015/0739	02/12/76	90	5382	22.7	146.4	GGGG		38	27
10524	3020N	2598-16445	00000/0000	2-10022/0781	09/11/76	10	8338	49.3	123.1	GGGG		34	39
10524	3017N	2616-16442	00000/0000	2-10023/0183	09/29/76	40	8589	45.2	131.6	GGGG		34	39
10524	3015N	2418-16495	00000/0000	2-10016/1212	03/15/76	0	5828	43.6	127.5	GGGG		34	39
10524	3010N	2508-16472	00000/0000	2-10019/0813	06/13/76	10	7083	59.4	94.9	GGGG		34	39
10526	3013N	2670-16422	00000/0000	2-10025/0559	11/22/76	10	9342	31.2	145.2	GGGG		34	39
10526	3012N	2400-16502	00000/0000	2-10016/0478	02/26/76	0	5577	37.8	132.6	GGGG		34	39
10527	3441N	2455-16531	00000/0000	2-10017/1643	04/21/76	10	6344	53.4	120.4	GGGG		35	36
10527	3438N	2473-16524	00000/0000	2-10018/0855	05/09/76	20	6595	57.3	113.5	GGGG		35	36
10527	3013N	2634-16434	00000/0000	2-10023/0986	10/17/76	10	8840	40.5	138.4	GGGG		34	39
10528	5010N	2495-17103	00000/0000	2-10019/0407	05/31/76	10	6902	54.7	132.9	FGGG		39	25
10528	4314N	2457-17021	00000/0000	2-10018/0084	04/23/76	80	6372	50.3	131.4	GGGG		37	30
10529	4316N	2439-17024	00000/0000	2-10017/0998	04/05/76	0	6121	44.4	135.3	GGGG		37	30
10529	4312N	2475-17014	00000/0000	2-10018/0950	05/11/76	90	6623	54.9	126.6	GGGG		37	30
10529	4311N	2565-16591	00000/0000	2-10021/0777	08/09/76	10	7878	51.3	125.4	GGGG		37	30
10529	3001N	2382-16505	00000/0000	2-10015/0655	02/08/76	0	5326	32.9	137.1	GGGG		34	39
10530	5009N	2549-17090	00000/0000	2-10021/0159	07/24/76	30	7655	51.5	131.4	GGGG		39	25
10530	3439N	2437-16534	00000/0000	2-10017/0849	04/03/76	0	6093	48.0	126.3	FGGG		35	36
10530	3439N	2563-16502	00000/0000	2-10021/0647	08/07/76	10	7850	54.2	112.2	FGGG		35	36
10531	5005N	2513-17101	00000/0000	2-10019/1216	06/18/76	10	7153	55.5	130.1	FGGG		39	25
10531	4314N	2583-16584	00000/0000	2-10022/0028	08/27/76	0	8129	47.0	131.7	GGGG		37	30
10531	4313N	2727-16533	00000/0000	2-10026/0643	01/18/77	90	137	18.7	145.7	GGGG		37	30
10531	3857N	2456-16574	00000/0000	2-10018/0071	04/22/76	30	6358	52.0	126.0	GGGG		36	33
10531	3443N	2581-16494	00000/0000	2-10021/1402	08/25/76	10	8101	51.1	120.3	GGGG		35	36
10532	4313N	2709-16541	00000/0000	2-10026/0139	12/31/76	90	9886	17.2	148.6	GGGG		37	30
10532	4304N	2493-17011	00000/0000	2-10019/0337	05/29/76	20	6874	57.5	121.6	GGGG		37	30
10532	4304N	2547-16594	00000/0000	2-10021/0060	07/22/76	10	7627	54.7	120.3	GGGG		37	30
10532	4302N	2529-17002	00000/0000	2-10020/0496	07/04/76	0	7376	57.0	117.7	GGGG		37	30
10532	3858N	2438-16541	00000/0000	2-10017/0986	04/04/76	20	6107	46.3	130.9	GGGG		36	33
10532	3440N	2707-16461	00000/0000	2-10026/0079	12/29/76	0	9858	23.4	145.2	GGGG		35	36
10532	3437N	2725-16443	00000/0000	2-10026/0596	01/16/77	10	109	24.4	142.1	GGGG		35	36
10532	3432N	2545-16505	00000/0000	2-10020/1134	07/20/76	10	7599	56.7	105.8	GGGG		35	36
10532	3431N	2491-16522	00000/0000	2-10019/0222	05/27/76	0	6846	59.3	106.9	GGGG		35	36
10533	5010N	2675-17050	00000/0000	2-10025/0190	11/27/76	40	9412	15.9	154.8	GGGG		39	25
10533	5009N	2621-17070	00000/0000	2-10023/0430	10/04/76	70	8659	30.9	149.5	FGGG		39	25

KEYS: CLBD COVER % ..... 0 TO 100 = % CLBD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0645

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT								123 45678				
10533N	4309N	2421-17031	00000/0000	2-10017/0152	03/18/76	10	5870	37.8	138.4	GGGG		37	30
10533N	4259N	2511-17005	00000/0000	2-10019/1133	06/16/76	80	7125	58.1	118.2	GGGG		37	30
10533N	3431N	2527-16512	00000/0000	2-10020/0412	07/02/76	20	7348	58.5	102.4	FGGG		35	36
10534N	3005N	2369-17140	00000/0000	2-10015/0209	01/26/76	80	5145	16.2	150.4	GGFG		39	25
10534N	5003N	2387-17134	00000/0000	2-10015/0900	02/13/76	50	5396	21.0	147.9	GGGG		39	25
10534N	4309N	2601-16551	00000/0000	2-10022/0984	09/14/76	90	8380	42.1	138.1	GGGG		37	30
10534N	3853N	2474-16571	00000/0000	2-10018/1018	05/10/76	20	6609	56.3	120.2	GGGG		36	33
10535N	5006N	2657-17054	00000/0000	2-10025/0114	11/09/76	10	9161	19.3	154.6	GGGG		39	25
10535N	5005N	2639-17062	00000/0000	2-10023/1256	10/22/76	80	8910	24.9	152.8	FFFF		39	25
10535N	4309N	2691-16545	00000/0000	2-10025/1194	12/13/76	20	9635	18.0	150.8	GGGG		37	30
10535N	3858N	2582-16541	00000/0000	2-10022/0166	08/26/76	20	8115	49.2	126.2	GGGG		36	33
10535N	3435N	2599-16492	00000/0000	2-10022/0868	09/12/76	0	8352	47.2	128.5	GGGG		35	36
10535N	3434N	2689-16460	00000/0000	2-10025/1089	12/11/76	0	9607	24.7	147.2	GGGG		35	36
10535N	3429N	2509-16515	00000/0000	2-10019/0951	06/14/76	0	7097	59.5	102.8	GGGG		35	36
10536N	4306N	2619-16574	00000/0000	2-10023/0346	10/02/76	70	8631	36.5	143.8	GGGG		37	30
10536N	4303N	2403-17035	00000/0000	2-10016/0574	02/29/76	10	5619	31.2	141.3	G GG		37	30
10536N	3854N	2690-16503	00000/0000	2-10025/1182	12/12/76	0	9621	21.3	149.0	GGGG		36	33
10536N	3853N	2564-16544	00000/0000	2-10021/0825	08/08/76	50	7864	53.0	118.9	GGGG		36	33
10536N	3849N	2492-16564	00000/0000	2-10019/0265	05/28/76	20	6860	58.6	114.4	GGGG		36	33
10536N	3849N	2528-16555	00000/0000	2-10020/0478	07/03/76	10	7362	58.0	110.2	GGGG		36	33
10536N	3847N	2546-16552	00000/0000	2-10021/0035	07/21/76	40	7613	55.9	113.1	GGGG		36	33
10536N	3435N	2617-16434	00000/0000	2-10023/0165	09/30/76	0	8603	42.5	136.0	GGGG		35	36
10536N	3433N	2671-16464	00000/0000	2-10025/0572	11/23/76	0	9356	27.8	147.5	GGGG		35	36
10537N	4303N	2673-16554	00000/0000	2-10025/0612	11/25/76	50	9384	20.9	151.6	GGGG		37	30
10537N	3855N	2726-16490	00000/0000	2-10026/0746	01/17/77	30	123	21.6	143.9	GGGG		36	33
10537N	3851N	2420-16585	00000/0000	2-10017/0183	03/17/76	20	5356	39.9	134.9	GGGG		36	33
10537N	3429N	2365-16554	00000/0000	2-10015/0142	01/22/76	10	5089	26.6	143.4	GGGG		35	36
10538N	4957N	2405-17131	00000/0000	00000/0000	03/02/76	80	5647	27.3	145.7	GGG		39	25
10538N	4303N	2655-16562	00000/0000	2-10025/0057	11/07/76	0	9133	25.4	150.8	GGGG		37	30
10538N	4301N	2637-16570	00000/0000	2-10023/1177	10/20/76	10	8882	30.8	148.1	GGGG		37	30
10538N	3856N	2708-16494	00000/0000	2-10026/0090	12/30/76	50	9872	20.3	146.9	GGGG		36	33
10538N	3845N	2510-16562	00000/0000	2-10019/1063	06/15/76	50	7111	59.1	110.6	GGGG		36	33
10538N	3429N	2653-16473	00000/0000	2-10025/0012	11/05/76	0	9105	32.3	145.8	GGGG		35	36
10539N	4258N	2385-17042	00000/0000	2-10015/0820	02/11/76	30	5368	25.3	144.2	GGGG		37	30
10539N	3850N	2600-16534	00000/0000	2-10022/0972	09/13/76	40	8366	44.8	133.4	GGGG		36	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=RAW/PRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0646

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10539W 3430N	2635-16481	00000/0000	2-10023/1037	10/18/76	60	8854	37.4	141.9	GGGG			35	36
10540W 3849N	2618-16531	00000/0000	2-10023/0319	10/01/76	10	8617	39.7	140.0	GGGG			36	33
10540W 3847N	2366-17001	00000/0000	2-10015/0095	01/23/76	0	5103	23.8	145.3	GGGG			36	33
10541W 3849N	2672-16511	00000/0000	2-10024/0600	11/24/76	10	9370	24.4	149.6	GFGG			36	33
10541W 3846N	2402-16592	00000/0000	2-10016/0552	02/28/76	10	5605	33.5	138.5	GFGG			36	33
10541W 3846N	2636-16524	00000/0000	2-10023/1195	10/19/76	0	8868	34.2	145.1	GGGG			36	33
10541W 2859N	2454-16491	00000/0000	2-10017/1632	04/20/76	0	6330	54.7	112.4	GGFG			34	40
10542W 3848N	2654-16515	00000/0000	2-10025/0024	11/06/76	30	9119	28.9	148.4	GGGG			36	33
10543W 3417N	2333-16552	00000/0000	2-10015/0671	02/09/76	50	5340	30.5	139.5	GGGG			35	36
10543W 2856N	2580-16454	00000/0000	2-10021/1357	08/24/76	10	8087	52.8	111.9	GGGG			34	40
10543W 2854N	2436-16494	00000/0000	2-10017/0800	04/02/76	40	6079	49.9	119.8	GGFG			34	40
10544W 2853N	2472-16484	00000/0000	2-10018/0808	05/08/76	70	6581	58.0	104.1	GGGG			34	40
10545W 2852N	2562-16461	00000/0000	2-10021/0689	08/06/76	10	7836	55.1	102.9	GGGG			34	40
10545W 2850N	2526-16472	00000/0000	2-10020/0310	07/01/76	70	7334	58.2	92.3	GGGG			34	40
10546W 2849N	2490-16451	00000/0000	2-10019/0191	05/26/76	0	6832	59.4	96.8	GGGG			34	40
10547W 4607N	2458-17070	00000/0000	2-10018/0096	04/24/76	80	6386	49.2	134.8	GGGG			38	28
10547W 2856N	2706-16411	00000/0000	2-10026/0068	12/28/76	60	9844	27.4	142.7	GGGG			34	40
10547W 2854N	2724-16403	00000/0000	2-10026/0576	01/15/77	0	95	28.0	139.4	GGGG			34	40
10547W 2852N	2688-16420	00000/0000	2-10025/1173	12/10/76	100	9593	28.9	144.5	GGGG			34	40
10548W 2852N	2598-16451	00000/0000	2-10022/0782	09/11/76	10	8338	49.8	121.3	GGGG			34	40
10548W 2851N	2616-16444	00000/0000	2-10023/0184	09/29/76	60	8589	45.9	130.2	GGGG			34	40
10548W 2849N	2418-16502	00000/0000	2-10016/1213	03/15/76	0	5828	44.3	126.1	GGGG			34	40
10548W 2844N	2508-16475	00000/0000	2-10019/0814	06/13/76	10	7083	59.2	92.4	GFGG			34	40
10549W 4601N	2476-17063	00000/0000	2-10018/0999	05/12/76	60	6637	53.8	130.6	GGGG			38	28
10550W 4603N	2566-17040	00000/0000	2-10021/0834	08/10/76	20	7892	49.8	129.6	GGGG			38	28
10550W 2847N	2670-16424	00000/0000	2-10025/0560	11/22/76	20	9342	32.2	144.4	GGGG			34	40
10550W 2846N	2400-16505	00000/0000	2-10016/0479	02/26/76	0	5577	38.6	131.5	GGGG			34	40
10551W 4607N	2584-17033	00000/0000	2-10022/0081	08/28/76	10	8143	45.2	135.3	GGGG			38	28
10551W 4606N	2710-16590	00000/0000	2-10026/0151	01/01/77	90	9900	15.1	149.7	GGGG			38	28
10552W 4603N	2728-16582	00000/0000	2-10026/0655	01/19/77	0	151	16.9	146.8	GGGG			38	28
10552W 4557N	2548-17044	00000/0000	2-10021/0137	07/23/76	0	7641	53.5	124.9	GGGG			38	28
10552W 4556N	2494-17060	00000/0000	2-10019/0348	05/30/76	60	6888	56.5	126.3	GGGG			38	28
10552W 2847N	2634-16441	00000/0000	2-10023/0987	10/17/76	0	8840	41.4	137.2	GGGG			34	40
10553W 4602N	2692-16594	00000/0000	2-10025/1256	12/14/76	0	9649	15.7	151.9	GGGG			38	28
10553W 4601N	2602-17030	00000/0000	2-10022/1027	09/15/76	10	8394	40.0	141.1	GGGG			38	28

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=RANDOMLY SAVED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0647

FBR IIS  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION IN ROLL	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS						123 45678				
10553w	3316N	2455-16534	00000/0000	2-10017/1644	04/21/76	0	6344	53.8	118.3	GGGG		35	37
10553w	2836N	2382-16512	00000/0000	2-10015/0656	02/08/76	20	5326	33.8	136.2	GGFF		34	40
10554w	4551N	2512-17054	00000/0000	2-10019/1176	06/17/76	80	7139	57.2	123.1	GGGG		38	28
10554w	3313N	2473-16531	00000/0000	2-10018/0856	05/09/76	20	6595	57.6	111.1	FGGG		35	37
10555w	4555N	2530-17051	00000/0000	2-10021/0223	07/05/76	10	7390	56.0	122.6	GGGG		38	28
10555w	3313N	2437-16541	00000/0000	2-10017/0850	04/03/76	10	6093	48.6	124.7	GGFG		35	37
10556w	4557N	2422-17041	00000/0000	2-10017/0165	03/19/76	40	5884	36.4	140.6	GGFF		38	28
10556w	4557N	2674-17003	00000/0000	2-10025/0658	11/26/76	50	9398	18.5	152.9	GGGG		38	28
10556w	4553N	2656-17011	00000/0000	2-10025/0103	11/08/76	90	9147	22.9	152.3	GGGG		38	28
10556w	3313N	2563-16504	00000/0000	2-10021/0648	08/07/76	20	7850	54.5	110.0	GGGG		35	37
10557w	4554N	2620-17023	00000/0000	2-10023/0359	10/03/76	100	8645	34.3	146.2	GGGG		38	28
10557w	3317N	2581-16501	00000/0000	2-10021/1403	08/25/76	10	8101	51.6	118.4	GGGG		35	37
10558w	4551N	2368-17093	00000/0000	2-10015/0105	01/25/76	80	5131	19.1	148.4	FGGG		38	28
10558w	4551N	2638-17015	00000/0000	2-10023/1244	10/21/76	10	8896	28.4	150.1	GGGG		38	28
10558w	4549N	2404-17064	00000/0000	2-10016/0647	03/01/76	100	5633	29.7	143.0	GGG FGGG		38	28
10558w	3314N	2707-16454	00000/0000	2-10026/0080	12/29/76	30	9858	24.4	144.5	GGGG		35	37
10558w	3311N	2725-16450	00000/0000	2-10026/0597	01/16/77	10	109	25.3	141.4	GGGG		35	37
10558w	3308N	2419-16544	00000/0000	2-10016/1224	03/16/76	0	5842	42.6	130.0	GGGG		35	37
10558w	3305N	2491-16524	00000/0000	2-10019/0223	05/27/76	10	6846	59.4	104.3	FGGG		35	37
10559w	4550N	2386-17031	00000/0000	2-10015/0740	02/12/76	80	5382	23.7	145.6	GGGG		38	28
10559w	4148N	2457-17023	00000/0000	2-10018/0085	04/23/76	70	6372	51.0	129.5	GGGG		37	31
10559w	3732N	2438-16524	00000/0000	2-10017/0987	04/04/76	30	6107	47.0	129.3	GGGF		36	34
10559w	3731N	2456-16520	00000/0000	2-10018/0072	04/22/76	30	6358	52.6	124.0	GGGG		36	34
10559w	3306N	2527-16515	00000/0000	2-10020/0413	07/02/76	20	7348	58.5	99.8	GGGG		35	37
10600w	4150N	2439-17030	00000/0000	2-10017/0939	04/05/76	0	6121	45.2	133.8	GGGG		37	31
10600w	4146N	2475-17020	00000/0000	2-10019/0951	05/11/76	80	6623	55.4	124.4	FGGF		37	31
10600w	3303N	2509-16521	00000/0000	2-10019/0952	06/14/76	0	7097	59.5	100.1	GGGG		35	37
10601w	4146N	2565-16534	00000/0000	2-10021/0778	08/09/76	10	7878	51.8	123.4	GGGG		37	31
10601w	3310N	2617-16431	00000/0000	2-10023/0166	09/30/76	0	8603	43.4	134.7	GGGG		35	37
10601w	3309N	2599-16494	00000/0000	2-10022/0869	09/12/76	10	8352	47.9	126.9	GGGG		35	37
10601w	3308N	2649-16462	00000/0000	2-10025/1090	12/11/76	30	9607	25.7	146.5	GGGG		35	37
10601w	3307N	2671-16471	00000/0000	2-10025/0573	11/23/76	0	9356	28.9	146.8	FGFG		35	37
10602w	4856N	2459-17115	00000/0000	2-10018/0188	04/25/76	20	6400	47.9	138.1	GGGF		39	26
10602w	4149N	2583-16591	00000/0000	2-10022/0029	08/27/76	10	8129	47.7	130.0	GGGG		37	31
10602w	4147N	2727-16535	00000/0000	2-10026/0644	01/18/77	90	137	19.7	145.0	GGG		37	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0648

PRINCIPAL POINT OF IMAGE	ORSEVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN RELI MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10602N	3727N	2474-1657A	00000/0000	2-10018/1019	05/10/76	30	6609	56.7	117.8	GGGG		36	34
10603N	4851N	2477-1711P	P-10018/1451	2-10018/1043	05/13/76	30	6651	52.6	134.5	GGG	GGGG	39	26
10603N	4147N	2709-1654A	00000/0000	2-10026/0140	12/31/76	50	9886	18.2	148.0	GGGF		37	31
10603N	4139N	2547-17001	00000/0000	2-10021/0061	07/22/76	10	7627	55.1	118.0	GGGG		37	31
10603N	4138N	2493-17014	00000/0000	2-10019/0338	05/29/76	10	6874	58.0	119.2	GGGG		37	31
10603N	4137N	2529-17004	00000/0000	2-10020/0497	07/04/76	10	7376	57.4	115.2	GGGG		37	31
10603N	3732N	2582-16544	00000/0000	2-10022/0167	08/26/76	10	8115	49.8	124.4	GGGG		36	34
10603N	3303N	2365-16560	00000/0000	2-10015/0143	01/22/76	0	5089	27.6	142.7	GGGG		35	37
10604N	4854N	2441-1712P	00000/0000	2-10017/1115	04/07/76	0	6149	41.8	140.8	GGGF		39	26
10604N	4851N	2567-17090	00000/0000	2-10021/0877	08/11/76	20	7906	48.2	133.5	GGGG		39	26
10604N	4144N	2421-17034	00000/0000	2-10017/1153	03/18/76	10	5870	38.6	137.2	GGGG		37	31
10604N	4134N	2511-17011	00000/0000	2-10019/1134	06/16/76	80	7125	58.5	115.6	GGGG		37	31
10604N	3728N	2554-16551	00000/0000	2-10021/0826	08/08/76	50	7864	53.4	116.8	GGGG		36	34
10604N	3728N	2690-16505	00000/0000	2-10025/1183	12/12/76	0	9621	22.4	148.4	GGGG		36	34
10604N	3724N	2528-16561	00000/0000	2-10020/0479	07/03/76	10	7362	58.2	107.7	GGGG		36	34
10604N	3723N	2492-16571	00000/0000	2-10019/0266	05/28/76	20	6860	58.9	111.8	GGGG		36	34
10604N	3304N	2653-16475	00000/0000	2-10025/0013	11/05/76	0	9105	33.3	144.9	GGGG		35	37
10605N	4856N	2711-17035	00000/0000	2-10026/0206	01/02/77	20	9914	13.0	150.8	GGGG		39	26
10605N	4143N	2601-16584	00000/0000	2-10022/0985	09/14/76	30	8380	42.9	136.7	GGGF		37	31
10605N	3730N	2726-1649P	00000/0000	2-10026/0747	01/17/77	10	123	22.6	143.2	GGGG		36	34
10605N	3726N	2420-16591	00000/0000	2-10017/0184	03/17/76	10	5856	40.7	133.7	GGGG		36	34
10605N	3721N	2546-16554	00000/0000	2-10021/0036	07/21/76	40	7613	56.2	110.8	GGGG		36	34
10605N	3304N	2635-16483	00000/0000	2-10023/1038	10/18/76	40	8854	38.4	140.9	GGGG		35	37
10606N	4845N	2495-17110	00000/0000	2-10019/0408	05/31/76	20	6902	55.4	130.7	GGGG		39	26
10606N	4144N	2691-1655P	00000/0000	2-10025/1195	12/13/76	10	9635	19.1	150.1	GGGG		37	31
10606N	4141N	2619-16540	00000/0000	2-10023/0347	10/02/76	80	8631	37.5	142.7	GGGG		37	31
10606N	3731N	2708-16501	00000/0000	2-10026/0091	12/30/76	10	9872	21.4	146.3	GGGG		36	34
10607N	4854N	2585-1705A	00000/0000	2-10022/0250	08/29/76	10	8157	43.4	138.7	GGGG		39	26
10607N	4853N	2729-17031	00000/0000	2-10024/0666	01/20/77	70	165	15.0	148.0	GGGG		39	26
10607N	4138N	2403-17041	00000/0000	2-10016/0588	02/29/76	10	5619	32.1	140.3	GG		37	31
10607N	3724N	2600-16541	00000/0000	2-10022/0973	09/13/76	10	8366	45.6	131.9	GGGG		36	34
10607N	3719N	2510-16564	00000/0000	2-10019/1064	06/15/76	10	7111	59.3	107.9	GGGG		36	34
10608N	4851N	2603-17080	00000/0000	2-10022/1055	09/16/76	0	8408	37.8	143.9	GGGG		39	26
10608N	4851N	2693-17044	00000/0000	2-10025/1285	12/15/76	20	9663	13.4	153.0	FGGG		39	26
10608N	4448N	2423-17130	00000/0000	2-10017/0265	03/20/76	70	5898	35.0	142.9	GGGG		39	26

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... (BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR).  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LRW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0649

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN REEL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10608	4844N	2549-17093	03000/0000	2-10021/0160	07/24/76	50	7655	52.2	129.3	GGGG	39	26
10608	4135N	2367-17050	03000/0000	2-10015/0156	01/24/76	90	5117	22.0	146.5	FFGG	37	31
10608	3724N	2618-16534	03000/0000	2-10023/0320	10/01/76	70	8617	40.6	138.9	GGGG	36	34
10609	4847N	2531-17100	03000/0000	2-10020/0751	07/06/76	10	7404	54.9	127.3	GGGG	39	26
10609	4840N	2513-17102	03000/0000	2-10019/1217	06/18/76	10	7153	56.1	127.7	GGGG	39	26
10609	4138N	2655-16565	03000/0000	2-10025/0058	11/07/76	0	9133	26.5	150.0	GGGG	37	31
10609	4138N	2673-16550	03000/0000	2-10025/0613	11/25/76	40	9384	22.0	150.9	GGGG	37	31
10609	4136N	2637-16573	03000/0000	2-10023/1178	10/20/76	0	8882	31.9	147.2	GGGG	37	31
10609	3724N	2672-16514	03000/0000	2-10025/0601	11/24/76	0	9370	25.5	148.9	GGGG	36	34
10609	3721N	2366-17007	03000/0000	2-10015/0096	01/23/76	20	5103	24.8	144.6	GGGG	36	34
10609	3721N	2636-16530	03000/0000	2-10023/1196	10/19/76	0	8868	35.2	144.2	GGGG	36	34
10609	3720N	2402-16594	03000/0000	2-10016/0553	02/28/76	0	5605	34.4	137.5	GGGG	36	34
10609	3251N	2383-16555	03000/0000	2-10015/0672	02/09/76	70	5340	31.4	138.7	GGGG	35	37
10610	4846N	2405-17133	2-10019/1495	03000/0000	03/02/76	0	5647	28.1	144.9	GGG	39	26
10610	4133N	2355-17044	03000/0000	2-10015/0821	02/11/76	10	5368	26.3	143.4	GGGG	37	31
10610	3722N	2654-16522	03000/0000	2-10025/0025	11/06/76	0	9119	29.9	147.6	GGGG	36	34
10611	4845N	2675-17052	03000/0000	2-10025/0191	11/27/76	20	9412	16.0	154.2	GGGG	39	26
10612	4844N	2621-17072	03000/0000	2-10023/0431	10/04/76	60	8659	31.9	148.5	GGGG	39	26
10613	4841N	2657-17061	03000/0000	2-10025/0115	11/09/76	10	9161	20.4	153.9	GGGG	39	26
10613	4840N	2369-17142	03000/0000	2-10015/0210	01/26/76	70	5145	17.2	149.7	GGGG	39	26
10613	4839N	2387-17140	03000/0000	2-10015/0901	02/13/76	90	5396	22.0	147.1	GGGG	39	26
10614	4841N	2639-17065	03000/0000	2-10023/1257	10/22/76	70	8910	25.9	151.9	FFFF	39	26
10619	3150N	2455-16540	03000/0000	2-10017/1645	04/21/76	10	6344	54.3	116.2	GGGG	35	38
10619	3147N	2473-16533	03000/0000	2-10018/0857	05/09/76	10	6595	57.8	108.6	GGGG	35	38
10621	3147N	2437-16543	03000/0000	2-10017/0851	04/03/76	0	6093	49.2	122.9	GG G	35	38
10622	4436N	2476-17065	03000/0000	2-10018/1000	05/12/76	60	6637	54.4	128.5	GGGG	38	29
10622	3151N	2551-16503	03000/0000	2-10021/1404	08/25/76	20	8101	52.0	116.4	GGGG	35	38
10622	3147N	2563-16511	03000/0000	2-10021/0649	08/07/76	20	7850	54.7	107.8	GGGG	35	38
10623	4440N	2440-17075	03000/0000	2-10017/1039	04/06/76	40	6135	43.9	136.6	FGGG	38	29
10623	3140N	2491-16531	03000/0000	2-10019/0224	05/27/76	0	6846	59.5	101.7	GGGG	35	38
10624	4441N	2710-16532	03000/0000	2-10026/0152	01/01/77	90	9900	16.1	149.1	GGGG	38	29
10624	4438N	2566-17043	03000/0000	2-10021/0835	08/10/76	10	7892	50.5	127.7	GGGG	38	29
10624	3148N	2707-16460	03000/0000	2-10026/0031	12/29/76	80	9858	25.4	143.9	GGGG	35	38
10624	3145N	2725-16452	03000/0000	2-10026/0598	01/16/77	10	109	26.3	140.7	GGGG	35	38
10624	3142N	2419-16551	03000/0000	2-10016/1225	03/16/76	0	5842	43.3	128.6	FGGG	35	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0650

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10624	3139N	2527-16521	00000/0000	2-10020/0414	07/02/76	20	7348	58.5	97.3	GGGG		35	38
10624	3137N	2509-16524	00000/0000	2-10019/0953	06/14/76	0	7097	59.5	97.5	GGGG		35	38
10625	4441N	2584-17040	00000/0000	2-10022/0082	08/28/76	10	8143	46.0	133.7	GGGG		38	29
10625	3142N	2671-16473	00000/0000	2-10025/0574	11/23/76	10	9356	29.9	146.0	FGGG		35	38
10626	4431N	2494-17063	00000/0000	2-10019/0349	05/31/76	30	6888	57.1	123.9	GGGG		38	29
10626	4431N	2548-17050	00000/0000	2-10021/0138	07/23/76	10	7641	54.0	122.8	GGGG		38	29
10626	3144N	2617-16493	00000/0000	2-10023/0167	09/30/76	10	8603	44.2	133.4	GGGG		35	38
10626	3143N	2599-16501	00000/0000	2-10022/0870	09/12/76	10	8352	48.5	125.2	FGGG		35	38
10626	3142N	2689-16465	00000/0000	2-10025/1091	12/11/76	80	9607	26.8	145.8	GGGG		35	38
10627	4437N	2692-17011	00000/0000	2-10026/1257	12/14/76	0	9649	16.8	151.3	FGGG		38	29
10627	4435N	2602-17033	00000/0000	2-10022/1028	09/15/76	10	8394	40.9	139.8	GGGG		38	29
10627	4425N	2512-17060	00000/0000	2-10019/1177	06/17/76	90	7139	57.7	120.6	GGGG		38	29
10627	3607N	2438-16530	00000/0000	2-10017/0988	04/04/76	20	6107	47.7	127.7	GGGF		36	35
10627	3606N	2456-16583	00000/0000	2-10018/0073	04/22/76	40	6358	53.2	122.0	GGGG		36	35
10628	4429N	2530-17053	00000/0000	2-10020/0224	07/05/76	10	7390	56.5	120.2	GGGG		38	29
10628	3137N	2365-16563	00000/0000	2-10015/0144	01/22/76	0	5089	28.5	141.9	GGGG		35	38
10629	4432N	2422-17083	00000/0000	2-10017/0166	03/19/76	70	5884	37.3	139.4	GGGG		38	29
10629	4432N	2674-17035	00000/0000	2-10025/0659	11/26/76	80	9398	19.6	152.2	GGGG		38	29
10629	4023N	2457-17030	00000/0000	2-10018/0086	04/23/76	90	6372	51.7	127.6	GGGG		37	32
10629	3601N	2474-16530	00000/0000	2-10018/1020	05/10/76	20	6609	57.1	115.5	GGGG		36	35
10629	3138N	2653-16483	00000/0000	2-10025/0014	11/05/76	0	9105	34.4	144.1	GGGG		35	38
10630	4428N	2620-17030	00000/0000	2-10023/0360	10/03/76	100	8645	35.3	145.1	GGGF		38	29
10630	4428N	2656-17014	00000/0000	2-10025/0104	11/08/76	60	9147	24.0	151.6	GGGG		38	29
10630	4426N	2368-17095	00000/0000	2-10015/0106	01/25/76	60	5131	20.1	147.7	GGGG		38	29
10630	4024N	2439-17033	00000/0000	2-10017/1000	04/05/76	10	6121	45.9	132.2	GGGG		37	32
10630	4021N	2475-17023	00000/0000	2-10018/0952	05/11/76	70	6623	56.0	122.2	GGGF		37	32
10631	4424N	2404-17091	00000/0000	2-10016/0648	03/01/76	90	5633	30.7	142.0	GGG FPGG		38	29
10631	4022N	2583-16593	00000/0000	2-10022/0030	08/27/76	10	8129	48.4	128.3	GGGG		37	32
10631	3606N	2582-16550	00000/0000	2-10026/0168	08/26/76	10	8115	50.4	122.6	GGGG		36	35
10631	3602N	2690-16512	00000/0000	2-10025/1184	12/12/76	0	9621	23.5	147.8	GGGG		36	35
10631	3138N	2635-16490	00000/0000	2-10023/1039	10/18/76	20	8854	39.3	139.8	GGGG		35	38
10632	4426N	2638-17022	00000/0000	2-10023/1245	10/21/76	0	8896	29.5	149.2	GGGG		38	29
10632	4425N	2386-17033	00000/0000	2-10015/0741	02/12/76	90	5382	24.6	144.8	GGGG		38	29
10632	3603N	2564-16553	00000/0000	2-10021/0827	08/08/76	30	7864	53.8	114.7	GGGG		36	35
10632	3559N	2528-16564	00000/0000	2-10020/0480	07/03/76	10	7362	58.3	105.1	GGGG		36	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0651

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION IN ROLL	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	SRBIT PATH NUM.	FRAME ROW NUM.
10632A	3558N	2492-16572	00000/0000	2-10019/0267	05/28/76	10	6860	59.2	109.2	GGGG		36	35
10632A	3556N	2546-16561	00000/0000	2-10021/0037	07/21/76	70	7613	56.4	108.4	GGGG		36	35
10633A	4022N	2727-16542	00000/0000	2-10026/0645	01/18/77	40	137	20.7	144.4	GGGG		37	32
10633A	4014N	2547-17003	00000/0000	2-10021/0062	07/22/76	20	7627	55.5	115.7	GGGG		37	32
10633A	4013N	2529-17011	00000/0000	2-10020/0498	07/04/76	20	7376	57.7	112.7	GGGG		37	32
10633A	3605N	2708-16503	00000/0000	2-10026/0092	12/30/76	10	9872	22.4	145.7	GGGG		36	35
10633A	3603N	2726-16495	00000/0000	2-10026/0748	01/17/77	0	123	23.5	142.5	GGGG		36	35
10633A	3600N	2420-16594	00000/0000	2-10017/0185	03/17/76	10	5856	41.4	132.4	GGGG		36	35
10634A	4022N	2709-16550	00000/0000	2-10026/0141	12/31/76	50	9886	19.3	147.4	GGGG		37	32
10634A	4019N	2421-17040	00000/0000	2-10017/0154	03/18/76	10	5870	39.4	136.0	GGGG		37	32
10634A	4014N	2493-17020	00000/0000	2-10019/0339	05/29/76	20	6874	58.4	116.7	GGGG		37	32
10634A	4009N	2511-17014	00000/0000	2-10019/1135	06/16/76	60	7125	58.8	113.0	GGGG		37	32
10634A	3558N	2600-16543	00000/0000	2-10022/0974	09/13/76	10	8366	46.3	130.4	GGGG		36	35
10634A	3553N	2510-16571	00000/0000	2-10019/1065	06/15/76	0	7111	59.4	105.3	GGGG		36	35
10635A	4018N	2601-16590	00000/0000	2-10022/0986	09/14/76	50	8380	43.7	135.3	GGGG		37	32
10636A	4019N	2691-16554	00000/0000	2-10025/1196	12/13/76	10	9635	20.2	149.5	GGGG		37	32
10636A	4015N	2619-16583	00000/0000	2-10023/0348	10/02/76	50	8631	38.4	141.5	GGGG		37	32
10636A	3558N	2618-16540	00000/0000	2-10023/0321	10/01/76	50	8617	41.4	137.6	GGGG		36	35
10636A	3558N	2672-16520	00000/0000	2-10025/0602	11/24/76	0	9370	26.5	148.2	GGGG		36	35
10636A	3556N	2366-17010	00000/0000	2-10015/0097	01/23/76	30	5103	25.8	143.9	GGGG		36	35
10636A	3555N	2402-17001	00000/0000	2-10016/0554	02/28/76	0	5605	35.2	136.4	GGGG		36	35
10637A	3556N	2654-16524	00000/0000	2-10025/0026	11/06/76	0	9119	31.0	146.8	GGGG		36	35
10638A	4012N	2403-17044	00000/0000	2-10016/0580	02/29/76	30	5619	33.0	139.3	FGG		37	32
10638A	4009N	2367-17053	00000/0000	2-10015/0157	01/24/76	100	5117	23.0	145.8	FGFG		37	32
10638A	3555N	2636-16533	00000/0000	2-10023/1197	10/19/76	0	8868	36.2	143.2	GGGG		36	35
10639A	4731N	2459-17122	00000/0000	2-10018/0189	04/25/76	20	6400	48.7	136.3	GGGG		39	27
10639A	4013N	2655-16571	00000/0000	2-10025/0059	11/07/76	0	9133	27.6	149.3	GGGG		37	32
10639A	4013N	2673-16563	00000/0000	2-10025/0614	11/25/76	30	9384	23.1	150.3	GGGG		37	32
10639A	4011N	2637-16575	00000/0000	2-10023/1179	10/20/76	0	8882	32.9	146.3	GGGG		37	32
10640A	4725N	2477-17115	2-10018/1452	2-10018/1044	05/13/76	10	6651	53.3	132.5	GGG FGGG		39	27
10640A	4008N	2385-17051	00000/0000	2-10015/0822	02/11/76	0	5368	27.3	142.5	GGGG		37	32
10641A	4730N	2441-17125	00000/0000	2-10017/1116	04/07/76	10	6149	42.7	139.3	FGGG		39	27
10641A	4726N	2567-17092	00000/0000	2-10021/0878	05/11/76	10	7906	48.9	131.7	GGGG		39	27
10642A	4731N	2711-17042	00000/0000	2-10026/0207	01/02/77	10	9914	14.1	150.2	GGGG		39	27
10643A	4729N	2585-17045	00000/0000	2-10022/0251	08/29/76	10	8157	44.2	137.2	GGGG		39	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0452

FBR US

FRM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLUD COVER %	RRRT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	RRRT PATH NUM.	FRAME ROW NUM.
10643.4	4720N	2495-1711P	00000/0000	2-10019/0409	05/31/76	60	6902	56.0	128.4				27
10644.4	4728N	2729-17034	00000/0000	2-10026/0667	01/20/77	10	165	16.1	147.3	FGGG		39	27
10644.4	4719N	2549-17095	00000/0000	2-10021/0161	07/24/76	50	7655	52.8	127.2	GGGG		39	27
10644.4	3023N	2455-16543	00000/0000	2-10017/1646	04/21/76	0	6344	54.6	114.0	GGGG		39	27
10644.4	3020N	2473-16540	00000/0000	2-10018/0858	05/09/76	10	6595	58.0	106.1	GGGG		35	39
10645.4	4726N	2603-1703P	00000/0000	2-10022/1056	09/16/76	0	8408	38.8	142.7	GGGG		39	27
10645.4	4726N	2693-17050	00000/0000	2-10025/1286	12/15/76	10	9663	14.5	152.4	GGGG		39	27
10645.4	4723N	2423-1713P	00000/0000	2-10017/0266	03/20/76	40	5898	35.9	141.7	GGGG		39	27
10645.4	4722N	2531-1713P	00000/0000	2-10027/0752	07/06/76	10	7404	55.4	125.0	GGGG		39	27
10646.4	4721N	2405-17140	00000/0000	2-10019/0121	03/02/76	0	5647	29.1	143.9	GGGG		39	27
10646.4	4715N	2513-17110	00000/0000	2-10019/1218	06/18/76	10	7153	56.7	125.4	GGGG		39	27
10646.4	3024N	2581-16510	00000/0000	2-10021/1405	08/25/76	30	8101	52.3	114.4	GGGG		35	39
10646.4	3021N	2437-16550	00000/0000	2-10017/0852	04/03/76	60	6093	49.7	121.2	GGGG		35	39
10646.4	3020N	2563-16513	00000/0000	2-10021/0650	08/07/76	10	7850	54.9	105.6	GGGG		35	39
10647.4	4720N	2675-17055	00000/0000	2-10025/0192	11/27/76	10	9412	17.2	153.5	GGGG		39	27
10647.4	3014N	2491-16533	00000/0000	2-10019/0225	05/27/76	0	6846	59.4	99.0	GGGG		35	39
10648.4	3019N	2725-16455	00000/0000	2-10026/0599	01/16/77	10	109	27.2	139.9	GGGG		35	39
10649.4	4719N	2621-17075	00000/0000	2-10023/0432	10/04/76	80	8659	32.9	147.5	GGGG		39	27
10649.4	4715N	2369-17145	00000/0000	2-10015/0211	01/26/76	80	5145	18.2	149.0	GGGG		39	27
10649.4	4714N	2387-17143	00000/0000	2-10015/0902	02/13/76	90	5396	23.0	146.3	GGGG		39	27
10649.4	3022N	2707-16463	00000/0000	2-10026/0082	12/29/76	80	9858	26.4	143.2	GGGG		35	39
10649.4	3016N	2419-16553	00000/0000	2-10016/1226	03/16/76	0	5842	43.9	127.2	GGGG		35	39
10649.4	3013N	2527-16524	00000/0000	2-10027/0415	07/02/76	40	7348	58.3	94.8	GGGG		35	39
10649.4	3012N	2509-16530	00000/0000	2-10019/0954	06/14/76	10	7097	59.4	94.9	GGGG		35	39
10650.4	4717N	2657-17069	00000/0000	2-10025/0116	11/09/76	0	9161	21.6	153.1	GGGG		39	27
10650.4	4716N	2639-17071	00000/0000	2-10023/1258	10/22/76	60	8910	27.0	151.1	FFFF		39	27
10650.4	3016N	2671-16480	00000/0000	2-10025/0575	11/23/76	40	9356	30.9	145.3	GGGG		35	39
10651.4	3018N	2617-16500	00000/0000	2-10023/0168	09/30/76	50	8603	45.0	132.0	GGGG		35	39
10651.4	3017N	2599-16503	00000/0000	2-10022/0871	09/12/76	10	8352	49.1	123.5	GGGG		35	39
10651.4	3017N	2689-16471	00000/0000	2-10025/1092	12/11/76	90	9607	27.8	145.1	GGGG		35	39
10652.4	4317N	2458-17075	00000/0000	2-10018/0097	04/24/76	30	6386	50.6	131.2	GGGG		38	30
10653.4	3440N	2438-16593	00000/0000	2-10017/0989	04/04/76	10	6107	48.3	126.0	GGGG		36	36
10653.4	3011N	2365-16565	00000/0000	2-10015/0145	01/22/76	10	5089	29.5	141.1	GGGG		35	39
10654.4	3440N	2456-16585	00000/0000	2-10018/0074	04/22/76	50	6358	53.7	119.9	GGGG		36	36
10654.4	3012N	2653-16444	00000/0000	2-10025/0015	11/05/76	0	9105	35.4	143.2	GGGG		35	39

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0653

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT 9F IMAGE LONG LAT	SERVIATION ID	MICROFILM POSITION IN REEL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10655	5010N	2550-17145	00000/0000	2-10021/0120	07/25/76	20	7669	51.3	131.6	GGGG		40	25
10655	5009N	2496-17161	00000/0000	2-10019/0438	06/01/76	10	6916	54.8	132.7	GGGG		40	25
10655	4315N	2440-17032	00000/0000	2-10017/1040	04/06/76	90	6135	44.8	135.1	GGGG		38	30
10655	4310N	2476-17072	00000/0000	2-10018/1001	05/12/76	40	6637	55.1	126.3	GGGG		38	30
10655	3436N	2474-16542	00000/0000	2-10018/1021	05/10/76	10	6609	57.4	113.1	FGGG		36	36
10655	4315N	2710-16595	00000/0000	2-10026/0153	01/01/77	80	9900	17.2	148.5	GGGG		38	30
10656	4313N	2566-17046	00000/0000	2-10021/0836	08/10/76	30	7892	51.1	125.7	GGGF		38	30
10656	3012N	2635-16492	00000/0000	2-10023/1040	10/18/76	30	8854	40.2	138.7	GGGG		35	39
10657	5006N	2514-17155	00000/0000	2-10019/1283	06/19/76	10	7167	55.4	130.0	GGGG		40	25
10657	3441N	2582-16553	00000/0000	2-10022/0169	08/26/76	10	8115	50.9	120.7	GGGF		36	36
10658	4315N	2634-17042	00000/0000	2-10022/0083	08/28/76	0	8143	46.8	132.1	GGGG		38	30
10658	4313N	2728-16591	00000/0000	2-10026/0656	01/19/77	10	151	18.9	145.5	GFGG		38	30
10658	4307N	2548-17053	00000/0000	2-10021/0139	07/23/76	10	7641	54.5	120.6	GGGG		38	30
10658	4306N	2494-17065	00000/0000	2-10019/0350	05/30/76	10	6888	57.6	121.5	GGGG		38	30
10658	3858N	2457-17032	00000/0000	2-10018/0087	04/23/76	80	6372	52.3	125.7	GGGG		37	33
10658	3437N	2564-16560	00000/0000	2-10021/0828	08/08/76	10	7864	54.1	112.6	GGGG		36	36
10658	3437N	2690-16514	00000/0000	2-10025/1185	12/12/76	0	9621	24.5	147.1	GGGG		36	36
10659	5010N	2622-17124	00000/0000	2-10023/0471	10/05/76	10	8673	30.5	149.8	GGGG		40	25
10659	5007N	2532-17152	00000/0000	2-10020/0586	07/07/76	40	7418	54.2	129.6	GGGG		40	25
10659	4312N	2692-17003	00000/0000	2-10025/1258	12/14/76	0	9649	17.9	150.7	GGGG		38	30
10659	4300N	2512-17063	00000/0000	2-10019/1178	06/17/76	90	7139	58.1	118.1	GGGG		38	30
10659	3858N	2439-17035	00000/0000	2-10017/1001	04/05/76	30	6121	46.7	130.7	GGGG		37	33
10659	3856N	2475-17025	00000/0000	2-10018/0953	05/11/76	40	6623	56.4	119.9	FGGG		37	33
10659	3440N	2708-16510	00000/0000	2-10026/0093	12/30/76	10	9872	23.4	145.0	GGGG		36	36
10659	3437N	2726-16501	00000/0000	2-10026/0749	01/17/77	0	123	24.5	141.9	GGGG		36	36
10659	3434N	2420-17000	00000/0000	2-10017/0186	03/17/76	10	5856	42.2	131.1	GGGG		36	36
10659	3433N	2528-16570	00000/0000	2-10020/0481	07/03/76	0	7362	58.4	102.5	GGGG		36	36
10659	3432N	2492-16540	00000/0000	2-10019/0268	05/28/76	10	6860	59.3	106.6	GGGF		36	36
10659	3431N	2546-16563	00000/0000	2-10021/0038	07/21/76	90	7613	56.6	106.0	GGGG		36	36
10659	3000N	2393-16564	00000/0000	2-10015/0673	02/09/76	60	5340	33.2	136.9	GGGG		35	39
10700	4310N	2602-17035	00000/0000	2-10022/1029	09/15/76	30	8394	41.8	138.4	GGGG		38	30
10700	4304N	2630-17060	00000/0000	2-10020/0225	07/05/76	0	7390	56.9	117.8	GGGG		38	30
10700	3856N	2583-17000	00000/0000	2-10022/0031	08/27/76	20	8129	49.0	126.6	GGGG		37	33
10700	3854N	2565-17003	00000/0000	2-10021/0779	08/09/76	50	7878	52.8	119.3	GGGG		37	33
10700	3432N	2600-16550	00000/0000	2-10022/0975	09/13/76	10	8366	47.0	128.9	GGGG		36	36

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING

PAGE 0654

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10700N	3428N	2510-16573	00000/0000	2-10019/1066	06/15/76	0	7111	59.5	102.6	F	GGG	36	36
10701N	5005N	2658-17112	00000/0000	2-10025/0142	11/10/76	70	9175	19.1	154.6	G	GGG	40	25
10701N	5002N	2370-17194	00000/0000	2-10015/0811	01/27/76	90	5159	16.4	150.2	G	GGG	40	25
10701N	4306N	2422-17090	00000/0000	2-10017/0167	03/19/76	90	5884	38.2	138.2	G	GGG	38	30
10701N	4306N	2674-17012	00000/0000	2-10025/0655	11/26/76	70	9398	20.7	151.6	G	GG	38	30
10702N	5005N	2640-17120	00000/0000	2-10023/1365	10/23/76	40	8924	24.5	152.9	G	GGF	40	25
10702N	5002N	2388-17192	00000/0000	2-10015/0767	02/14/76	70	5410	21.3	147.8	G	GGG	40	25
10702N	4303N	2620-17032	00000/0000	2-10023/0361	10/03/76	100	8645	36.2	144.0	G	GGF	38	30
10702N	4302N	2656-17020	00000/0000	2-10025/0105	11/08/76	20	9147	25.1	150.9	G	GGG	38	30
10702N	4300N	2368-17102	00000/0000	2-10015/0107	01/25/76	70	5131	21.1	147.0	F	GGF	38	30
10702N	3856N	2727-16544	00000/0000	2-10026/0646	01/18/77	10	137	21.7	143.7	G	GGG	37	33
10702N	3849N	2547-17010	00000/0000	2-10021/0063	07/22/76	20	7627	55.8	113.4	G	GGG	37	33
10702N	3848N	2529-17019	00000/0000	2-10020/0499	07/04/76	10	7376	57.9	110.2	G	GGG	37	33
10702N	3433N	2618-16549	00000/0000	2-10023/0322	10/01/76	60	8617	42.3	136.4	G	GGG	36	36
10702N	3430N	2366-17012	00000/0000	2-10015/0098	01/23/76	20	5103	26.8	143.2	G	GGG	36	36
10703N	4259N	2404-17039	00000/0000	2-10016/0649	03/01/76	30	5633	31.6	141.0	G	GGF	38	30
10703N	3856N	2709-16552	00000/0000	2-10026/0142	12/31/76	70	9886	20.3	146.8	G	GGG	37	33
10703N	3853N	2421-17043	00000/0000	2-10017/0155	03/18/76	10	5870	40.2	134.7	G	GGG	37	33
10703N	3848N	2493-17029	00000/0000	2-10019/0340	05/29/76	10	6874	58.7	114.1	G	GGG	37	33
10703N	3844N	2511-17020	00000/0000	2-10019/1136	06/16/76	50	7125	59.1	110.4	F	GGF	37	33
10703N	3432N	2672-16523	00000/0000	2-10025/0603	11/24/76	0	9370	27.6	147.5	G	GGG	36	36
10703N	3431N	2654-16531	00000/0000	2-10025/0027	11/06/76	0	9119	32.0	146.0	G	GGG	36	36
10703N	3429N	2402-17009	00000/0000	2-10016/0555	02/28/76	0	5605	36.1	135.4	G	GGG	36	36
10704N	3429N	2636-16535	00000/0000	2-10023/1198	10/19/76	0	8868	37.2	142.2	G	GGG	36	36
10705N	4301N	2638-17024	00000/0000	2-10023/1246	10/21/76	10	8896	30.5	148.3	G	GGG	38	30
10705N	4300N	2346-17100	00000/0000	2-10015/0742	02/12/76	90	5382	25.6	144.0	G	GGG	38	30
10705N	3854N	2631-16561	00000/0000	2-10025/1197	12/13/76	0	9635	21.2	148.9	G	GGG	37	33
10705N	3852N	2601-16599	00000/0000	2-10022/0987	09/14/76	60	8380	44.5	133.8	G	GGG	37	33
10706N	3850N	2619-16525	00000/0000	2-10023/0349	10/02/76	80	8631	39.4	140.4	G	GGG	37	33
10707N	3847N	2403-17050	00000/0000	2-10016/0581	02/29/76	10	5619	33.8	138.3	G	GGG	37	33
10707N	3844N	2367-17055	00000/0000	2-10015/0158	01/24/76	90	5117	24.0	145.1	F	GGF	37	33
10708N	3848N	2655-16574	00000/0000	2-10025/0060	11/07/76	0	9133	28.6	148.5	G	GGG	37	33
10708N	3848N	2673-16565	00000/0000	2-10025/0615	11/25/76	10	9384	24.2	149.6	G	GGG	37	33
10708N	3845N	2637-16582	00000/0000	2-10023/1180	10/20/76	0	8882	33.9	145.4	G	GGG	37	33
10708N	2855N	2473-16542	00000/0000	2-10018/0859	05/09/76	0	6595	58.1	103.7	G	GGG	35	40

KEYS: CLSD COVER % ..... 0 TO 100 % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0655

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10709N	3842N	2385-17053	00000/0000	2-10015/0823	02/11/76	10	5368	28.2	141.7	GGGG		37	33
10712N	2848N	2491-16540	00000/0000	2-10019/0226	05/27/76	10	6846	59.4	96.4	GGGG		35	40
10714N	4606N	2459-17124	00000/0000	2-10018/0190	04/25/76	50	6400	49.5	134.6	GGGF		39	28
10715N	4600N	2477-17121	2-10018/1453	2-10018/1045	05/13/76	10	6651	54.0	130.4	GGGG		39	28
10715N	2851N	2617-16532	00000/0000	2-10023/0169	09/30/76	90	8603	45.7	130.6	GGGG		35	40
10715N	2850N	2599-16510	00000/0000	2-10022/0872	09/12/76	10	8352	49.7	121.8	GGGG		35	40
10716N	4605N	2441-17131	00000/0000	2-10017/1117	04/07/76	20	6149	43.5	137.9	GGGG		39	28
10716N	4601N	2567-17039	00000/0000	2-10021/0879	08/11/76	10	7906	49.6	129.8	GGGG		39	28
10717N	4606N	2711-17044	00000/0000	2-10026/0208	01/02/77	20	9914	15.1	149.5	GGGG		39	28
10718N	4556N	2495-17115	00000/0000	2-10019/0410	05/31/76	70	6902	56.6	126.0	GGGG		39	28
10718N	4554N	2549-17132	00000/0000	2-10021/0162	07/24/76	20	7655	53.3	125.1	GGGG		39	28
10719N	4604N	2585-17032	00000/0000	2-10022/0252	08/29/76	10	8157	45.0	135.6	GGGG		39	28
10719N	4603N	2729-17040	00000/0000	2-10026/0668	01/20/77	0	165	17.1	146.6	GGGG		39	28
10720N	4601N	2603-17085	00000/0000	2-10022/1057	09/16/76	10	8408	39.7	141.4	GGGG		39	28
10720N	4601N	2693-17053	00000/0000	2-10025/1287	12/15/76	10	9663	15.6	151.8	GGGG		39	28
10720N	4558N	2423-17135	00000/0000	2-10017/0267	03/20/76	30	5898	36.8	140.5	GGGG		39	28
10720N	4557N	2531-17105	00000/0000	2-10020/0753	07/06/76	10	7404	55.9	122.7	GGGG		39	28
10720N	3314N	2438-16595	00000/0000	2-10017/0990	04/04/76	30	6107	48.9	124.3	GGGF		36	37
10720N	3313N	2456-16592	00000/0000	2-10018/0075	04/22/76	70	6358	54.1	117.9	GGGG		36	37
10720N	3311N	2474-16535	00000/0000	2-10018/1022	05/10/76	10	6609	57.7	110.6	GGGG		36	37
10721N	4556N	2405-17142	00000/0000	00000/0000	03/02/76	10	5647	30.0	143.0	GGGG		39	28
10721N	4550N	2513-17112	00000/0000	2-10019/1219	06/18/76	30	7153	57.2	122.9	GGGG		39	28
10722N	4555N	2675-17061	00000/0000	2-10025/0193	11/27/76	10	9412	18.3	152.9	GGGG		39	28
10723N	4151N	2458-17081	00000/0000	2-10018/0098	04/24/76	10	6386	51.3	129.3	GGGG		38	31
10723N	3315N	2582-16555	00000/0000	2-10022/0170	08/26/76	10	8115	51.4	118.8	GGGG		36	37
10724N	4554N	2621-17081	00000/0000	2-10023/0433	10/04/76	70	8659	33.9	146.4	GGGG		39	28
10724N	4550N	2369-17151	00000/0000	2-10015/0212	01/26/76	60	5145	19.3	148.3	GGGG		39	28
10724N	4549N	2387-17145	00000/0000	2-10015/0903	02/13/76	40	5396	24.0	145.5	GGGG		39	28
10724N	3311N	2690-16521	00000/0000	2-10025/1186	12/12/76	0	9621	25.6	146.5	GGGG		36	37
10724N	3310N	2554-16562	00000/0000	2-10021/0829	08/08/76	20	7864	54.4	110.4	GGGG		36	37
10724N	3308N	2528-16573	00000/0000	2-10020/0482	07/03/76	10	7362	58.4	100.0	GGGG		36	37
10724N	3306N	2432-16582	00000/0000	2-10019/0269	05/28/76	10	6860	59.4	104.0	GGGF		36	37
10725N	4857N	2460-17173	00000/0000	2-10018/0249	04/26/76	70	6414	48.2	137.9	GGGG		40	26
10725N	4552N	2657-17070	00000/0000	2-10025/0117	11/09/76	10	9161	22.7	152.4	GGGG		39	28
10725N	4551N	2639-17074	00000/0000	2-10023/1259	10/22/76	70	8910	28.1	150.2	FFFF		39	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0456

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	LAT	LONG	OBSERVATION ID	MICROFILM POSITION IN ROLL	ROLL NO., MSS	DATE ACQUIRED	CLBD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10725	4150N	2440-17084	00000/0000	2-10017/1041	04/06/76	90	6135	45.5	133.6		GGGG			38	31
10725	4145N	2476-17074	00000/0000	2-10014/1002	05/12/76	30	6637	55.6	124.1		GGGG			38	31
10725	3314N	2708-16512	00000/0000	2-10026/0034	12/30/76	10	9872	24.4	144.4		GGGG			36	37
10725	3309N	2420-17003	00000/0000	2-10017/0187	03/17/76	10	5856	42.9	129.7		GGGG			36	37
10725	3305N	2546-16570	00000/0000	2-10021/0039	07/21/76	90	7613	56.7	103.6		GGGG			36	37
10726	3732N	2457-17035	00000/0000	2-10014/0088	04/23/76	60	6372	52.9	123.7		GGGG			37	34
10726	3311N	2726-16504	00000/0000	2-10026/0750	01/17/77	40	123	25.4	141.2		GGGG			36	37
10726	3306N	2600-16552	00000/0000	2-10022/0976	09/13/76	10	8366	47.7	127.3		GGGG			36	37
10726	3302N	2510-16580	00000/0000	2-10019/1067	06/15/76	0	7111	59.5	100.0		GGGG			36	37
10727	4150N	2710-17001	00000/0000	2-10026/0154	01/01/77	70	9900	18.2	147.9		FGGG			38	31
10727	4147N	2566-17050	00000/0000	2-10021/0837	08/10/76	10	7892	51.6	123.8		GGGF			38	31
10727	3732N	2439-17042	00000/0000	2-10017/1002	04/05/76	70	6121	47.3	129.1		GGGG			37	34
10727	3730N	2475-17032	00000/0000	2-10018/0954	05/11/76	30	6623	56.9	117.5		GGGG			37	34
10728	3730N	2583-17002	00000/0000	2-10022/0032	08/27/76	10	8129	49.6	124.8		GGGG			37	34
10728	3729N	2565-17005	00000/0000	2-10021/0780	08/09/76	70	7878	53.2	117.3		GGGG			37	34
10728	3307N	2672-16525	00000/0000	2-10025/0604	11/24/76	10	9370	28.7	146.8		GGGG			36	37
10728	3306N	2618-16545	00000/0000	2-10024/0323	10/01/76	70	8617	43.1	135.1		GGGG			36	37
10728	3304N	2366-17015	00000/0000	2-10015/0099	11/23/76	90	5103	27.7	142.5		GGGG			36	37
10728	3304N	2402-17010	00000/0000	2-10016/0556	02/28/76	10	5605	36.9	134.3		GFFG			36	37
10729	4149N	2584-17045	00000/0000	2-10022/0084	08/28/76	0	8143	47.5	130.4		GGGG			38	31
10729	4141N	2494-17072	00000/0000	2-10019/0351	05/30/76	10	6888	58.0	119.0		GGGG			38	31
10729	4141N	2548-17055	00000/0000	2-10021/0140	07/23/76	10	7641	54.9	118.3		GGGG			38	31
10729	3305N	2654-16533	00000/0000	2-10025/0028	11/06/76	0	9119	33.0	145.1		GGGG			36	37
10730	4855N	2712-17032	00000/0000	2-10024/0229	01/03/77	50	9928	13.1	150.6		GGGF			40	26
10730	4848N	2478-17171	2-10018/1465	2-10018/1057	05/14/76	90	6665	52.8	134.3	GGG	GFGG			40	26
10730	4147N	2728-16594	00000/0000	2-10026/0657	01/19/77	10	151	19.9	144.8		FFGG			38	31
10730	4135N	2512-17065	00000/0000	2-10019/1179	06/17/76	70	7139	58.5	115.5		GGGG			38	31
10730	3730N	2727-16551	00000/0000	2-10026/0647	01/18/77	0	137	22.7	143.0		GGGG			37	34
10730	3723N	2547-17012	00000/0000	2-10021/0064	07/22/76	20	7627	56.1	111.1		GGGG			37	34
10730	3722N	2529-17020	00000/0000	2-10023/0500	07/04/76	10	7376	58.1	107.7		GGGG			37	34
10730	3304N	2636-16542	00000/0000	2-10023/1199	10/19/76	0	8868	38.1	141.2		GGGG			36	37
10731	4851N	2568-17144	00000/0000	2-10021/0923	08/12/76	10	7920	48.0	133.8		GGGG			40	26
10731	4146N	2692-17010	00000/0000	2-10025/1259	12/14/76	10	9649	18.9	150.1		GGGG			38	31
10731	4144N	2602-17042	00000/0000	2-10022/1030	09/15/76	50	8394	42.6	137.1		GGGG			38	31
10731	4139N	2530-17062	00000/0000	2-10020/0226	07/05/76	0	7390	57.3	115.3		GGGG			38	31

KEYS: CLBD COVER % ..... 0 TO 100 = % CLBD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD, NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0657

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT L- IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10731..	3730N	2709-16555	00000/0000	2-10026/0143	12/31/76	90	9886	21.4	146.2	GGGG		37	34
10731..	3722N	2433-17025	00000/0000	2-10019/0341	05/29/76	10	6874	59.0	111.5	GGGG		37	34
10731..	3718N	2511-17023	00000/0000	2-10019/1137	06/16/76	20	7125	59.3	107.8	GGGG		37	34
10732..	4857N	2586-17141	00000/0000	2-10027/0310	08/30/76	80	8171	43.1	139.0	GGGG		40	26
10732..	4141N	2422-17092	00000/0000	2-10017/0168	03/19/76	50	5884	39.0	137.0	GGGG		38	31
10732..	4141N	2674-17014	00000/0000	2-10025/0660	11/26/76	70	9398	21.8	150.9	GGGG		38	31
10732..	3727N	2421-17045	00000/0000	2-10017/0156	03/18/76	0	5870	41.0	133.4	GGGF		37	34
10733..	4845N	2496-17164	00000/0000	2-10019/0439	06/01/76	10	6916	55.5	130.4	GGGG		40	26
10733..	4138N	2656-17023	00000/0000	2-10025/0106	11/08/76	70	9147	26.2	150.1	GGGG		38	31
10733..	4134N	2404-17100	00000/0000	2-10016/0650	03/01/76	50	5633	32.5	140.1	GGG GGF		38	31
10733..	3728N	2631-16563	00000/0000	2-10025/1198	12/13/76	0	9635	22.3	148.3	GGGG		37	34
10733..	3725N	2601-16595	00000/0000	2-10022/0988	09/14/76	40	8380	45.3	132.4	GGGG		37	34
10734..	4849N	2424-17184	00000/0000	2-10017/0364	03/21/76	60	5912	35.4	142.8	FGGG		40	26
10734..	4845N	2550-17151	00000/0000	2-10021/0121	07/25/76	20	7669	52.0	129.5	GGGG		40	26
10734..	4138N	2620-17035	00000/0000	2-10023/0362	10/03/76	90	8645	37.2	142.9	GGGG		38	31
10734..	4135N	2368-17104	00000/0000	2-10015/0108	01/25/76	80	5131	22.2	146.4	FGFG		38	31
10734..	3724N	2619-16592	00000/0000	2-10023/0350	10/02/76	90	8631	40.3	132.2	GGGG		37	34
10735..	4852N	2730-17085	00000/0000	2-10026/0680	01/21/77	20	179	15.2	147.8	GGGG		40	26
10735..	4850N	2694-17102	00000/0000	2-10025/1299	12/15/76	20	9677	13.3	152.9	FGGG		40	26
10735..	4849N	2604-17134	00000/0000	2-10027/1127	09/17/76	20	8422	37.5	144.2	GGGG		40	26
10735..	4848N	2406-17191	00000/0000	2-10016/0708	03/03/76	10	5661	28.5	144.8	GGG GGGG		40	26
10735..	4847N	2676-17110	00000/0000	2-10025/0720	11/28/76	70	9426	15.8	154.2	GGGG		40	26
10735..	4841N	2514-17161	00000/0000	2-10019/1284	06/19/76	10	7167	56.1	127.7	GGGG		40	26
10735..	4135N	2386-17102	00000/0000	2-10015/0743	02/12/76	40	5382	26.6	143.2	GGGG		38	31
10735..	3721N	2403-17053	00000/0000	2-10016/0582	02/29/76	10	5619	34.7	137.3	GGGG		37	34
10735..	3718N	2367-17062	00000/0000	2-10015/0159	01/24/76	90	5117	25.0	144.4	GGFG		37	34
10736..	4136N	2638-17031	00000/0000	2-10023/1247	10/21/76	0	8896	31.6	147.4	GGGG		38	31
10736..	3723N	2673-16572	00000/0000	2-10025/0616	11/25/76	0	9384	25.3	148.9	GGGG		37	34
10736..	3722N	2655-16580	00000/0000	2-10025/0061	11/07/76	10	9133	29.7	147.7	GGGG		37	34
10736..	3720N	2637-16544	00000/0000	2-10023/1181	10/20/76	0	8882	34.9	144.4	GGGG		37	34
10737..	4844N	2532-17154	00000/0000	2-10020/0587	07/07/76	10	7418	54.8	127.3	GGGG		40	26
10737..	3717N	2385-17060	00000/0000	2-10015/0824	02/11/76	0	5368	29.1	140.9	GGGG		37	34
10738..	4845N	2622-17131	00000/0000	2-10023/0472	10/05/76	10	8673	31.6	148.7	GGGG		40	26
10740..	4840N	2640-17123	00000/0000	2-10023/1366	10/23/76	60	8924	25.6	152.1	GGGG		40	26
10740..	4840N	2658-17115	00000/0000	2-10025/0143	11/10/76	60	9175	20.2	153.9	GGGG		40	26

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANKS NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0658

PRINCIPAL POINT OF IMAGE LBNQ	PRESERVATION ID LAT	MICROFILM POSITION IN ROLL RBV	ROLL NO. MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMREP	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
10740	4838N	2370-17201	00000/0000	2-10015/0812	01/27/76	90	5159	17.5	149.5				
10744	3145N	2474-16591	00000/0000	2-10018/1023	05/10/76	0	6609	57.9	108.1	GGGG		40	26
10746	3148N	2438-17002	00000/0000	2-10017/0991	04/04/76	20	6107	49.5	122.6	GGGG		36	38
10746	3147N	2456-16594	00000/0000	2-10018/0076	04/22/76	60	6358	54.5	115.7	GGGG		36	38
10748	4441N	2459-17131	00000/0000	2-10018/0191	04/25/76	80	6400	50.2	132.7	GGGG		39	29
10748	4435N	2477-17124	2-10018/1454	2-10018/1046	05/13/76	10	6651	54.7	128.2	GGG		39	29
10748	3148N	2542-16560	00000/0000	2-10022/0171	08/26/76	10	8115	51.8	116.9	GGGG		36	38
10749	3144N	2564-16565	00000/0000	2-10021/0830	08/08/76	10	7864	54.6	108.2	GGGG		36	38
10750	4441N	2711-17051	00000/0000	2-10026/0209	01/02/77	0	9914	16.2	148.9	GGGG		39	29
10750	4435N	2567-17101	00000/0000	2-10021/0880	08/11/76	10	7906	50.3	127.9	GGGG		39	29
10750	3148N	2708-16515	00000/0000	2-10026/0095	12/30/76	30	9872	25.4	143.7	GGGG		36	38
10750	3145N	2690-16523	00000/0000	2-10025/1187	12/12/76	60	9621	26.6	145.8	GGGG		36	38
10750	3142N	2528-16575	00000/0000	2-10020/0483	07/03/76	10	7362	58.4	97.5	GGGG		36	38
10750	3141N	2492-16585	00000/0000	2-10019/0270	05/28/76	0	6860	59.5	101.3	GGGG		36	38
10751	4431N	2495-17121	00000/0000	2-10019/0411	05/31/76	50	6902	57.2	123.6	FGFG		39	29
10751	3145N	2726-16510	00000/0000	2-10026/0751	01/17/77	10	123	26.4	140.4	GGGG		36	38
10751	3143N	2420-17065	00000/0000	2-10017/0188	03/17/76	0	5856	43.6	128.3	GGGG		36	38
10751	3136N	2510-16582	00000/0000	2-10019/1068	06/15/76	10	7111	59.4	97.3	GGGG		36	38
10752	4440N	2585-17094	00000/0000	2-10022/0253	08/29/76	0	8157	45.8	134.0	GGGG		39	29
10752	3140N	2600-16555	00000/0000	2-10022/0977	09/13/76	0	8366	48.3	125.7	GGGG		36	38
10753	4437N	2729-17043	00000/0000	2-10026/0669	01/20/77	0	165	18.1	146.0	GGGG		39	29
10753	4436N	2603-17091	00000/0000	2-10022/1058	09/16/76	10	8408	40.6	140.1	GGGG		39	29
10753	4025N	2458-17044	00000/0000	2-10018/0099	04/24/76	10	6386	52.0	127.4	GGGG		39	29
10753	3606N	2457-17041	00000/0000	2-10018/0079	04/23/76	20	6372	53.4	121.7	GG		37	35
10753	3142N	2672-16532	00000/0000	2-10025/0605	11/24/76	40	9370	29.7	146.1	GGGG		36	38
10753	3141N	2618-16552	00000/0000	2-10023/0324	10/01/76	90	8617	43.9	133.8	GGGG		36	38
10753	3138N	2366-17021	00000/0000	2-10015/0100	01/23/76	70	5103	28.7	141.7	GGGG		36	38
10754	4436N	2693-17055	00000/0000	2-10025/1238	12/15/76	0	9663	16.7	151.2	GGGG		39	29
10754	4432N	2423-17141	00000/0000	2-10017/0268	03/20/76	10	5898	37.7	139.3	GGGG		39	29
10754	4425N	2513-17115	00000/0000	2-10019/1220	06/18/76	80	7153	57.7	120.5	GGGG		39	29
10754	3606N	2439-17044	00000/0000	2-10017/1003	04/05/76	40	6121	48.0	127.4	GGGG		37	35
10754	3139N	2654-16540	00000/0000	2-10025/0029	11/06/76	0	9119	34.1	144.3	GGGG		36	38
10754	3138N	2402-17012	00000/0000	2-10016/0557	02/28/76	10	5605	37.7	133.2	GGGG		36	38
10755	4431N	2405-17145	00000/0000	2-10016/0674	03/02/76	10	5647	30.9	142.0	GGG		39	29
10755	4425N	2440-17091	00000/0000	2-10017/1042	04/06/76	90	6135	46.3	132.0	FGGG		38	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0659

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10755.4	4020N	2476-17061	00000/0000	2-1001A/1003	05/12/76	30	6637	56.2	121.8	GGGG		38	32
10755.4	3604N	2475-17034	00000/0000	2-1001A/0955	05/11/76	10	6623	57.3	115.2	FGGG		37	35
10756.4	4431N	2675-17044	00000/0000	2-10025/0194	11/27/76	10	9412	19.4	152.2	GGGG		39	29
10756.4	3605N	2583-17005	00000/0000	2-10022/0033	08/27/76	10	8129	50.2	123.0	GGGG		37	35
10756.4	3604N	2565-17012	00000/0000	2-10021/0781	08/09/76	80	7878	53.6	115.1	GGGG		37	35
10756.4	3138N	2636-16544	00000/0000	2-10023/1200	10/19/76	0	8868	39.0	140.1	GGGG		36	38
10757.4	4429N	2621-17084	00000/0000	2-10023/0434	10/04/76	80	8659	34.9	145.4	FGGG		39	29
10757.4	4024N	2710-17004	00000/0000	2-10026/0155	01/01/77	40	9900	19.3	147.3	GGGG		38	32
10757.4	3558N	2547-17015	00000/0000	2-10021/0065	07/22/76	20	7627	56.3	108.7	GGGG		37	35
10757.4	3557N	2529-17022	00000/0000	2-10020/0501	07/04/76	10	7376	58.3	105.1	GGGG		37	35
10758.4	4427N	2657-17072	00000/0000	2-10025/0118	11/09/76	30	9161	23.8	151.7	GGGG		39	29
10758.4	4426N	2369-17154	00000/0000	2-10015/0213	01/26/76	50	5145	20.3	147.6	GGGG		39	29
10758.4	4426N	2639-17037	00000/0000	2-10023/1260	10/22/76	30	8910	29.2	149.4	FFFF		39	29
10758.4	4424N	2387-17152	00000/0000	2-10015/0904	02/13/76	10	5396	25.0	144.7	GGGG		39	29
10758.4	4024N	2584-17051	00000/0000	2-10022/0085	08/28/76	0	8143	48.1	128.7	GGGG		38	32
10758.4	4022N	2566-17054	00000/0000	2-10021/0838	05/10/76	20	7892	52.1	121.8	GGGG		38	32
10758.4	4016N	2548-17062	00000/0000	2-10021/0141	07/23/76	10	7641	55.3	116.0	GGGG		38	32
10758.4	3604N	2709-16561	00000/0000	2-10026/0144	12/31/76	90	9886	22.4	145.5	GGGG		37	35
10758.4	3604N	2727-16553	00000/0000	2-10026/0648	01/18/77	0	137	23.7	142.3	GGGG		37	35
10758.4	3556N	2493-17032	00000/0000	2-10019/0342	05/29/76	0	6874	59.2	108.9	GGGG		37	35
10758.4	3553N	2511-17025	00000/0000	2-10019/1138	06/16/76	10	7125	59.4	105.1	GGGG		37	35
10759.4	4015N	2494-17074	00000/0000	2-10019/0352	05/30/76	10	6888	58.4	116.5	GGGG		38	32
10759.4	3601N	2421-17052	00000/0000	2-10017/0157	03/18/76	0	5870	41.8	132.1	GGGF		37	35
10800.4	4021N	2728-17000	00000/0000	2-10026/0658	01/19/77	10	151	20.9	144.2	GGGG		38	32
10800.4	4014N	2530-17065	00000/0000	2-10020/0227	07/05/76	10	7390	57.6	112.9	GGGG		38	32
10800.4	4009N	2512-17072	00000/0000	2-10019/1180	06/17/76	60	7139	58.8	113.0	GGGG		38	32
10800.4	3602N	2691-16570	00000/0000	2-10025/1199	12/13/76	0	9635	23.4	147.7	GGGG		37	35
10801.4	4731N	2460-17180	00000/0000	2-10018/0250	04/26/76	70	6414	49.0	136.2	GFGG		40	27
10801.4	4021N	2692-17012	00000/0000	2-10025/1260	12/14/76	10	9649	20.0	149.5	FGGG		38	32
10801.4	4018N	2602-17044	00000/0000	2-10022/1031	09/15/76	60	8394	43.4	135.7	GGGG		38	32
10801.4	3559N	2601-17002	00000/0000	2-10022/0989	09/14/76	20	8380	46.0	130.9	GGGG		37	35
10801.4	3558N	2619-16594	00000/0000	2-10023/0351	10/02/76	70	8631	41.1	138.0	GGGG		37	35
10802.4	4016N	2422-17095	00000/0000	2-10017/0169	03/19/76	80	5884	39.8	135.8	GGGG		38	32
10802.4	4015N	2674-17021	00000/0000	2-10025/0661	11/26/76	70	9398	22.9	150.3	GFGG		38	32
10802.4	3556N	2403-17055	00000/0000	2-10016/0583	02/29/76	0	5619	35.6	136.2	GGGG		37	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0660

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10802	3553N	2367-17064	00000/0000	2-10015/0160	01/24/76	80	5117	76.0	143.7	GGFG		37	35
10803	4012N	2656-17025	00000/0000	2-10025/0107	11/08/76	40	9147	27.3	149.4	GGGG		38	32
10803	3557N	2673-16574	00000/0000	2-10025/0617	11/25/76	0	9384	26.3	148.2	GGGG		37	35
10803	3555N	2637-16591	00000/0000	2-10023/1182	10/20/76	20	8882	35.9	143.5	GGGG		37	35
10804	4013N	2620-17041	00000/0000	2-10023/0363	10/03/76	90	8645	38.2	141.8	GGGG		38	32
10804	4009N	2368-17111	00000/0000	2-10015/0109	01/25/76	90	5131	23.2	145.7	FGGF		38	32
10804	4009N	2404-17102	00000/0000	2-10016/0651	03/01/76	70	5633	33.4	139.1	GGG FGFG		38	32
10804	3556N	2655-16543	00000/0000	2-10025/0062	11/07/76	0	9133	30.7	146.9	GGGG		37	35
10805	4010N	2386-17105	00000/0000	2-10015/0744	02/12/76	0	5382	27.5	142.4	GGGG		38	32
10805	3552N	2385-17062	00000/0000	2-10015/0825	02/11/76	30	5368	30.1	140.0	GGGG		37	35
10806	4730N	2712-17120	00000/0000	2-10026/0230	01/03/77	70	9928	14.1	150.0	GGGG		40	27
10806	4723N	2478-17173	2-10018/1466	2-10018/1058	05/14/76	90	6665	53.5	132.2	GGG GGFG		40	27
10806	4011N	2638-17033	00000/0000	2-10023/1248	10/21/76	0	8896	32.6	146.5	GGGG		38	32
10807	4727N	2568-17150	00000/0000	2-10021/0924	08/12/76	20	7920	48.7	132.0	GGGG		40	27
10809	4732N	2556-17143	00000/0000	2-10027/0311	05/30/76	80	8171	43.9	137.5	GGGG		40	27
10809	3019N	2474-16594	00000/0000	2-10018/1024	05/10/76	0	6609	58.1	105.7	GGGG		36	39
10810	4721N	2550-17154	00000/0000	2-10021/0122	07/25/76	10	7669	52.6	127.4	GGGG		40	27
10810	4720N	2496-17170	00000/0000	2-10019/0440	06/01/76	10	6916	56.1	128.1	GGGG		40	27
10810	3021N	2456-17001	00000/0000	2-10018/0077	04/22/76	60	6358	54.9	113.6	GGGG		36	39
10811	4728N	2730-17092	00000/0000	2-10026/0681	01/21/77	10	179	16.2	147.1	GGGG		40	27
10811	4724N	2424-17130	00000/0000	2-10017/0365	03/21/76	40	5912	36.3	141.6	FGGG		40	27
10811	4723N	2406-17194	00000/0000	2-10016/0709	03/03/76	10	5661	29.4	143.8	GGG GGFG		40	27
10811	4717N	2514-17164	00000/0000	2-10019/1285	06/19/76	10	7167	56.6	125.3	GGGG		40	27
10811	3022N	2438-17004	00000/0000	2-10017/0992	04/04/76	10	6107	50.0	120.8	GGGF		36	39
10812	4726N	2694-17104	00000/0000	2-10025/1300	12/16/76	90	9677	14.4	152.3	FGGG		40	27
10812	4725N	2604-17140	00000/0000	2-10027/1128	09/17/76	10	8422	38.5	142.9	GGGG		40	27
10812	4723N	2676-17113	00000/0000	2-10025/0721	11/28/76	90	9426	16.9	153.5	FGGG		40	27
10813	4720N	2532-17161	00000/0000	2-10026/0588	07/07/76	20	7418	55.3	125.0	GGGG		40	27
10814	4720N	2622-17133	00000/0000	2-10023/0473	10/05/76	10	8673	32.6	147.7	GGGG		40	27
10814	3018N	2564-16571	00000/0000	2-10021/0831	08/08/76	10	7864	54.8	106.0	GGGG		36	39
10814	3016N	2528-16532	00000/0000	2-10020/0484	07/03/76	20	7362	58.3	94.9	GGGG		36	39
10814	3015N	2492-16591	00000/0000	2-10019/0271	05/28/76	0	6860	59.5	98.7	GGGP		36	39
10815	3021N	2708-16521	00000/0000	2-10026/0096	12/30/76	30	9872	26.4	143.0	GGGG		36	39
10815	3019N	2690-16530	00000/0000	2-10025/1188	12/12/76	80	9621	27.6	145.1	GGGG		36	39
10816	4716N	2640-17125	00000/0000	2-10023/1367	10/23/76	80	8924	26.7	151.2	GGGG		40	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0661

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION REV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10816W	4715N	2658-17121	00000/0000	2-10025/0144	11/10/76	10	9175	21.3	153.2	GGGG		40	27
10816W	4713N	2370-17203	00000/0000	2-10015/0813	01/27/76	100	5159	18.5	148.8	GGGG		40	27
10816W	3018N	2726-16513	00000/0000	2-10026/0752	01/17/77	0	123	27.3	139.7	GGGG		36	39
10816W	3017N	2420-17012	00000/0000	2-10017/0189	03/17/76	10	5856	44.3	126.9	GGGG		36	39
10816W	3010N	2510-16585	00000/0000	2-10019/1069	06/15/76	30	7111	59.3	94.7	GGGG		36	39
10817W	4713N	2388-17201	00000/0000	2-10015/0768	02/14/76	90	5410	23.3	146.1	GGGG		40	27
10817W	3015N	2618-16554	00000/0000	2-10023/0325	10/01/76	100	8617	44.7	132.4	GGGG		36	39
10817W	3013N	2600-16561	00000/0000	2-10022/0978	09/13/76	10	8366	48.9	124.0	GGGG		36	39
10818W	3016N	2672-16534	00000/0000	2-10025/0606	11/24/76	60	9370	30.7	145.3	GGGG		36	39
10818W	3014N	2654-16542	00000/0000	2-10025/0030	11/06/76	0	9119	35.1	143.4	GGGG		36	39
10818W	3012N	2366-17024	00000/0000	2-10015/0101	01/23/76	80	5103	29.6	140.9	GGGG		36	39
10819W	5006N	2407-17243	00000/0000	2-10016/0751	03/04/76	10	5675	28.0	145.6	GGGG		1	25
10819W	3440N	2457-17044	00000/0000	2-10018/0089	04/23/76	10	6372	53.9	119.6	GGGG		37	36
10819W	3012N	2402-17015	00000/0000	2-10016/0558	02/28/76	10	5605	38.4	132.1	GGGG		36	39
10820W	4315N	2459-17133	00000/0000	2-10018/0192	04/25/76	60	6400	50.9	130.9	GGGG		39	30
10820W	4314N	2441-17140	00000/0000	2-10017/1118	04/07/76	80	6149	45.1	134.9	GGGG		39	30
10820W	4309N	2477-17130	2-10018/1455	2-10018/1047	05/13/76	10	6651	55.3	126.0	GG	GGGG	39	30
10821W	3441N	2439-17051	00000/0000	2-10017/1004	04/05/76	40	6121	48.6	125.7	GGGG		37	36
10821W	3438N	2475-17041	00000/0000	2-10018/0956	05/11/76	10	6623	57.6	112.7	GGGG		37	36
10821W	3013N	2636-16551	00000/0000	2-10023/1201	10/19/76	10	8868	40.0	139.0	GGGG		36	39
10822W	4316N	2711-17053	00000/0000	2-10026/0210	01/02/77	10	9914	17.2	148.3	GGGG		39	30
10822W	4310N	2567-17104	00000/0000	2-10021/0881	08/11/76	10	7906	50.9	126.0	GGGG		39	30
10822W	3438N	2565-17014	00000/0000	2-10021/0782	08/09/76	100	7878	53.9	113.0	GGGG		37	36
10823W	5010N	2533-17210	00000/0000	2-10020/0628	07/08/76	20	7432	54.0	129.7	GGGG		41	25
10823W	5005N	2515-17219	00000/0000	2-10019/1297	06/20/76	10	7181	55.4	129.9	GGGG		41	25
10823W	4305N	2495-17124	00000/0000	2-10019/0412	05/31/76	50	6902	57.7	121.2	GGGG		39	30
10823W	3439N	2583-17011	00000/0000	2-10022/0034	08/27/76	20	8129	50.7	121.1	GGGG		37	36
10823W	3432N	2547-17021	00000/0000	2-10021/0066	07/22/76	70	7627	56.5	106.4	GGGG		37	36
10824W	4314N	2585-17101	00000/0000	2-10022/0254	08/29/76	0	8157	46.5	132.4	GGGG		39	30
10824W	3859N	2440-17093	00000/0000	2-10017/1043	04/06/76	70	6135	47.0	130.4	GGGG		38	33
10824W	3854N	2476-17087	00000/0000	2-10018/1004	05/12/76	20	6637	56.6	119.5	GGGG		38	33
10824W	3431N	2493-17034	00000/0000	2-10019/0343	05/29/76	0	6874	59.4	106.3	GGGG		37	36
10824W	3431N	2529-17025	00000/0000	2-10020/0502	07/04/76	10	7376	58.3	102.6	GGGG		37	36
10825W	4312N	2729-17045	00000/0000	2-10026/0670	01/20/77	0	165	19.1	145.3	GGGG		39	30
10825W	4307N	2531-17114	00000/0000	2-10020/0754	07/06/76	10	7404	56.8	117.9	GGGG		39	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0462

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN RELI MSR	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
10825N 3439N	2709-16564	00000/0000	2-10026/0145	12/31/76	80	9886	23.4	144.9	GGGG			37	36
10825N 3438N	2727-16560	00000/0000	2-10026/0649	01/18/77	0	137	24.6	141.7	GGGG			37	36
10825N 3435N	2421-17054	00000/0000	2-10017/0158	03/18/76	0	5870	42.5	130.8	GGGG			37	36
10825N 3427N	2511-17032	00000/0000	2-10019/1139	06/16/76	0	7125	59.5	102.5	GGGG			37	36
10826N 5008N	2659-17170	00000/0000	2-10025/0176	11/11/76	10	9189	18.7	154.7	GGGG			41	25
10826N 4311N	2603-17094	00000/0000	2-10022/1059	09/16/76	20	8408	41.5	138.8	GGGG			39	30
10826N 4311N	2693-17062	00000/0000	2-10025/1289	12/15/76	0	9663	17.8	150.6	GGGG			39	30
10826N 4307N	2423-17144	00000/0000	2-10017/0269	03/20/76	10	5898	38.5	138.1	GGGG			39	30
10826N 4259N	2513-17121	00000/0000	2-10019/1221	06/18/76	90	7153	58.1	118.0	GGGG			39	30
10826N 3859N	2710-17010	00000/0000	2-10026/0156	01/01/77	70	9900	20.3	146.6	GGGG			38	33
10826N 3856N	2566-17061	00000/0000	2-10021/0839	08/10/76	20	7892	52.6	119.7	GGGG			38	33
10826N 3436N	2691-16572	00000/0000	2-10025/1200	12/13/76	0	9636	24.4	147.0	GGGG			37	36
10827N 5006N	2623-17182	00000/0000	2-10023/0531	10/06/76	70	8687	30.2	150.0	GGGG			41	25
10827N 5002N	2371-17252	00000/0000	2-10015/0254	01/28/76	0	5173	16.6	150.1	GGGG			41	25
10827N 4306N	2405-17151	00000/0000	2-10016/0675	03/02/76	30	5647	31.9	141.0	GGGG			39	30
10827N 3858N	2584-17054	00000/0000	2-10022/0086	08/28/76	0	8143	48.8	127.0	GGGG			38	33
10827N 3850N	2548-17064	00000/0000	2-10021/0142	07/23/76	20	7641	55.6	113.7	GGGG			38	33
10827N 3434N	2601-17004	00000/0000	2-10022/0990	09/14/76	30	8380	46.7	129.3	GGGG			37	36
10828N 5005N	2641-17175	00000/0000	2-10023/1307	10/24/76	70	8938	24.2	153.1	GGGG			41	25
10828N 4306N	2675-17070	00000/0000	2-10025/0195	11/27/76	10	9412	20.5	151.6	GGGG			39	30
10828N 3850N	2494-17081	00000/0000	2-10019/0353	05/30/76	30	6888	58.8	113.9	GGGG			38	33
10828N 3433N	2619-17001	00000/0000	2-10023/0352	10/02/76	60	8631	42.0	136.8	GGGG			37	36
10828N 3428N	2367-17071	00000/0000	2-10015/0161	01/24/76	40	5117	27.0	143.0	GGGG			37	36
10829N 5001N	2389-17250	00000/0000	2-10015/0931	02/15/76	50	5424	21.7	147.6	GGGG			41	25
10829N 4303N	2621-17090	00000/0000	2-10023/0435	10/04/76	70	8659	35.9	144.3	GGGG			39	30
10829N 3855N	2728-17002	00000/0000	2-10026/0659	01/19/77	0	151	21.9	143.5	GGGG			38	33
10829N 3849N	2530-17071	00000/0000	2-10020/0228	07/05/76	10	7390	57.8	110.4	GGGG			38	33
10829N 3430N	2403-17062	00000/0000	2-10016/0584	02/29/76	10	5619	36.4	135.2	GGGG			37	36
10830N 4302N	2657-17075	00000/0000	2-10025/0119	11/09/76	40	9161	24.9	150.9	GGGG			39	30
10830N 4301N	2369-17160	00000/0000	2-10015/0214	01/26/76	40	5145	21.3	146.9	GGGG			39	30
10830N 4259N	2387-17154	00000/0000	2-10015/0905	02/13/76	0	5396	25.9	143.8	GGGG			39	30
10830N 3855N	2692-17015	00000/0000	2-10025/1261	12/14/76	0	9649	21.1	148.9	GGGG			38	33
10830N 3853N	2602-17051	00000/0000	2-10022/1032	09/15/76	50	8394	44.2	134.3	GGGG			38	33
10830N 3844N	2512-17074	00000/0000	2-10019/1181	06/17/76	30	7139	59.0	110.3	GGGG			38	33
10830N 3432N	2673-16581	00000/0000	2-10025/0618	11/25/76	0	9384	27.4	147.5	GGGG			37	36

KEYS: CLOUD COVER % ..... 0 TO 100 - % CLOUD COVER.  
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01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0663

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10830W	3431N	2655-16585	00000/0000	2-10025/0063	11/07/76	0	9133	31.8	146.1	F	GGGG	37	36
10830W	3429N	2637-16593	00000/0000	2-10023/1183	10/20/76	50	8882	36.9	142.5	G	GGGG	37	36
10831W	3402N	2639-17083	00000/0000	2-10023/1261	10/22/76	20	8910	30.2	148.5	F	FFFF	39	30
10831W	3850N	2422-17101	00000/0000	2-10017/0170	03/19/76	80	5884	40.6	134.5	G	GGGG	38	33
10831W	3850N	2674-17023	00000/0000	2-10025/0662	11/26/76	40	9398	24.0	149.6	G	GGFG	38	33
10831W	3426N	2385-17065	00000/0000	2-10015/0826	02/11/76	10	5368	31.0	139.2	G	GGFF	37	36
10832W	3847N	2656-17032	00000/0000	2-10025/0108	11/08/76	10	9147	28.3	148.6	G	GGGG	38	33
10833W	3847N	2620-17044	00000/0000	2-10023/0364	10/03/76	60	8645	39.1	140.7	G	GGGG	38	33
10833W	3844N	2368-17113	00000/0000	2-10015/0110	01/25/76	70	5131	24.2	145.0	F	GGGG	38	33
10833W	3843N	2404-17105	00000/0000	2-10016/0652	03/01/76	70	5633	34.2	138.0	G	GGGG	38	33
10833W	2852N	2474-17000	00000/0000	2-10012/1025	05/10/76	0	6609	58.2	103.2	G	GGGG	36	40
10834W	3844N	2386-17111	00000/0000	2-10015/0745	02/12/76	20	5382	28.5	141.6	G	GGGG	38	33
10834W	2855N	2456-17003	00000/0000	2-10018/0078	04/22/76	10	6358	55.2	111.4	G	GGGG	36	40
10834W	3846N	2638-17040	00000/0000	2-10023/1249	10/21/76	10	8896	33.6	145.6	G	GGGG	38	33
10835W	2855N	2438-17011	00000/0000	2-10017/0993	04/04/76	10	6107	50.5	119.0	G	GGGF	36	40
10836W	4606N	2460-17132	00000/0000	2-10018/0251	04/26/76	100	6414	49.7	134.4	G	GGGF	40	28
10840W	2853N	2690-16532	00000/0000	2-10025/1189	12/12/76	40	9621	28.7	144.4	G	GGGG	36	40
10840W	2852N	2726-16515	00000/0000	2-10026/0753	01/17/77	10	123	28.2	139.0	G	GGGG	36	40
10840W	2851N	2420-17014	00000/0000	2-10017/0190	03/17/76	0	5856	44.9	125.5	G	GGGG	40	28
10841W	4605N	2712-17102	00000/0000	2-10026/0231	01/03/77	60	9928	15.2	149.4	G	GGGP	40	28
10841W	4558N	2478-17180	2-10018/1467	2-10018/1059	05/14/76	30	6665	54.2	130.1	G	GGGG	40	28
10841W	2848N	2600-16564	00000/0000	2-10022/0979	09/13/76	10	8366	49.5	122.3	G	GGGG	40	28
10842W	4602N	2568-17152	00000/0000	2-10021/0925	08/12/76	30	7920	49.4	130.2	G	GGGG	40	28
10843W	4606N	2586-17150	00000/0000	2-10022/0312	08/30/76	50	8171	44.7	136.0	G	GGGG	40	28
10843W	2846N	2402-17021	00000/0000	2-10016/0559	02/28/76	10	5605	39.2	130.9	G	GGGG	40	28
10845W	4556N	2550-17160	00000/0000	2-10021/0123	07/25/76	20	7669	53.2	125.3	G	GGGG	40	28
10845W	4555N	2496-17173	00000/0000	2-10019/0441	06/01/76	20	6916	56.7	125.8	G	GGGG	40	28
10845W	3314N	2457-17050	00000/0000	2-10018/0090	04/23/76	10	6372	54.3	117.5	G	GGGG	37	37
10846W	4603N	2730-17094	00000/0000	2-10026/0682	01/21/77	20	179	17.2	146.5	G	GGGG	40	28
10846W	4559N	2424-17193	00000/0000	2-10017/0366	03/21/76	70	5912	37.2	140.4	F	GGGG	40	28
10846W	4552N	2514-17170	00000/0000	2-10019/1286	06/19/76	10	7167	57.1	122.9	G	GGGG	40	28
10847W	4601N	2694-17111	00000/0000	2-10025/1301	12/16/76	70	9677	15.5	151.7	G	GGGG	40	28
10847W	4559N	2604-17143	00000/0000	2-10022/1129	09/17/76	20	8422	39.4	141.7	G	GGGG	40	28
10847W	4559N	2676-17115	00000/0000	2-10025/0722	11/28/76	100	9426	18.0	152.9	G	GGGG	40	28
10847W	4558N	2406-17200	00000/0000	2-10016/0710	03/03/76	0	5661	30.4	142.8	G	GGGG	40	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0664

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
10847N	3314N	2439-17053	00000/0000	2-10017/1005	04/05/76	20	6121	49.2	124.0	GGGG	37	37
10847N	3312N	2475-17043	00000/0000	2-10018/0957	05/11/76	10	6623	57.9	110.3	FGGG	37	37
10848W	4555N	2532-17163	00000/0000	2-10020/0589	07/07/76	10	7418	55.8	122.7	GGGG	40	28
10848W	3313N	2583-17014	00000/0000	2-10022/0035	08/27/76	70	8129	51.2	119.2	GGGG	37	37
10848W	3311N	2565-17021	00000/0000	2-10021/0783	08/09/76	90	7878	54.2	110.8	FGGG	37	37
10849W	3306N	2547-17024	00000/0000	2-10021/0067	07/22/76	80	7627	56.6	104.0	GGGG	37	37
10850W	4555N	2622-17140	00000/0000	2-10023/0474	10/05/76	60	8673	33.6	146.7	GGGG	40	28
10850W	3733N	2458-17093	00000/0000	2-10018/0100	04/24/76	0	6386	53.1	123.4	GGGG	38	34
10850W	3313N	2709-16570	00000/0000	2-10026/0146	12/31/76	80	9886	24.4	144.2	FGGG	37	37
10850W	3305N	2493-17041	00000/0000	2-10019/0344	05/29/76	0	6874	59.5	103.6	GGGG	37	37
10850W	3305N	2529-17031	00000/0000	2-10020/0503	07/04/76	10	7376	58.3	100.1	GGGG	37	37
10851W	4551N	2640-17132	00000/0000	2-10023/1368	10/23/76	80	8924	27.8	150.4	GGGG	40	28
10851W	4551N	2658-17124	00000/0000	2-10025/0145	11/10/76	40	9175	22.4	152.5	GGGG	40	28
10851W	4149N	2441-17143	00000/0000	2-10017/1119	04/07/76	90	6149	45.9	133.3	FGGG	39	31
10851W	4149N	2459-17140	00000/0000	2-10018/0193	04/25/76	80	6400	51.6	129.0	GGGG	39	31
10851W	4144N	2477-17133	2-10018/1456	2-10018/1048	05/13/76	0	6651	55.8	123.8	GGG FGGG	39	31
10851W	3310N	2421-17061	00000/0000	2-10017/0159	03/18/76	0	5870	43.2	129.4	GGGG	37	37
10851W	3301N	2511-17034	00000/0000	2-10019/1140	06/16/76	0	7125	59.5	99.8	GGGG	37	37
10852W	4856N	2461-17232	00000/0000	2-10018/0310	04/27/76	80	6428	48.5	137.7	GGGG	41	26
10852W	4548N	2388-17203	00000/0000	2-10015/0769	02/14/76	80	5410	24.3	145.3	GGGG	40	28
10852W	3733N	2440-17100	00000/0000	2-10017/1044	04/06/76	60	6135	47.7	128.8	FGGG	38	34
10852W	3728N	2476-17090	00000/0000	2-10018/1005	05/12/76	10	6637	57.1	117.1	GGGG	38	34
10852W	3312N	2727-16562	00000/0000	2-10026/0650	01/18/77	10	137	25.6	140.9	GGGG	37	37
10852W	3310N	2691-16575	00000/0000	2-10025/1201	12/13/76	10	9695	25.5	146.4	FGGG	37	37
10853W	4151N	2711-17060	00000/0000	2-10026/0211	01/02/77	20	9914	18.3	147.7	GGGG	39	31
10853W	4144N	2567-17110	00000/0000	2-10021/0882	08/11/76	10	7906	51.4	124.1	GGGG	39	31
10854W	4857N	2443-17235	00000/0000	2-10017/1171	04/09/76	0	6177	42.5	140.6	GGGG	41	26
10854W	4139N	2495-17130	00000/0000	2-10019/0413	05/31/76	10	6902	58.1	118.7	FGGG	39	31
10854W	3733N	2710-17013	00000/0000	2-10026/0157	01/01/77	70	9900	21.3	146.0	GGGG	38	34
10854W	3308N	2619-17003	00000/0000	2-10023/0353	10/02/76	60	8631	42.9	135.5	GGGG	37	37
10854W	3302N	2367-17073	00000/0000	2-10015/0162	01/24/76	40	5117	27.9	142.2	FGGG	37	37
10855W	4854N	2569-17202	00000/0000	2-10021/0937	08/13/76	10	7934	47.7	134.1	GGG	41	26
10855W	4148N	2585-17103	00000/0000	2-10022/0255	08/29/76	10	8157	47.2	130.8	GGGG	39	31
10855W	3732N	2584-17060	00000/0000	2-10022/0087	08/28/76	0	8143	49.4	125.3	GGGG	38	34
10855W	3730N	2566-17063	00000/0000	2-10021/0840	08/10/76	30	7892	53.0	117.7	GGGG	38	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANOSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0665

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RALI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10855W 3305N	2403-17064	00000/0000	2-10016/0585	02/29/76	10	5619	37.2	134.1	GGGG			37	37
10855W 3305N	2655-16592	00000/0000	2-10025/0064	11/07/76	0	9133	32.8	145.3	GGG			37	37
10856W 4850N	2479-17225	00000/0000	2-10018/1099	05/15/76	60	6679	53.0	134.1	GGGG			41	26
10856W 4146N	2729-17052	00000/0000	2-10026/0671	01/20/77	10	165	20.1	144.6	GGGG			39	31
10856W 4142N	2531-17120	00000/0000	2-10020/0755	07/06/76	10	7404	57.2	115.5	GGGG			39	31
10856W 3729N	2728-17035	00000/0000	2-10026/0660	01/19/77	10	151	22.8	142.8	GGGG			38	34
10856W 3725N	2494-17083	00000/0000	2-10019/0354	05/30/76	30	6888	59.0	111.3	GGGG			38	34
10856W 3305N	2673-16583	00000/0000	2-10025/0619	11/25/76	0	9384	28.5	146.8	GGGG			37	37
10856W 3304N	2637-17000	00000/0000	2-10023/1184	10/20/76	10	8882	37.8	141.4	GGGG			37	37
10857W 4145N	2603-17100	00000/0000	2-10022/1060	09/16/76	60	8408	42.3	137.4	GGGG			39	31
10857W 4145N	2693-17064	00000/0000	2-10025/1290	12/15/76	0	9663	18.9	150.0	GGGG			39	31
10857W 4142N	2423-17150	00000/0000	2-10017/0270	03/20/76	10	5898	39.4	136.8	GGGG			39	31
10857W 4134N	2513-17124	00000/0000	2-10019/1222	06/18/76	70	7153	58.4	115.4	GGGG			39	31
10857W 3723N	2530-17074	00000/0000	2-10020/0229	07/05/76	10	7390	58.0	107.8	GGGG			38	34
10857W 3300N	2385-17071	00000/0000	2-10015/0827	02/11/76	90	5368	31.9	138.3	GGGG			37	37
10858W 4855N	2587-17195	00000/0000	2-10022/0346	08/31/76	10	8185	42.8	139.3	FFGG			41	26
10858W 4854N	2713-17151	00000/0000	2-10026/0243	01/04/77	90	9942	13.1	150.5	GGFF			41	26
10858W 4854N	2731-17143	00000/0000	2-10026/0754	01/22/77	0	193	15.4	147.6	GGGG			41	26
10858W 4848N	2551-17205	00000/0000	2-10021/0189	07/26/76	10	7683	51.8	129.8	GGGG			41	26
10858W 4841N	2407-17250	00000/0000	2-10016/0752	03/04/76	10	5675	28.9	144.6	GGGG			41	26
10858W 4141N	2405-17154	00000/0000	2-10016/0676	03/02/76	90	5647	32.8	140.0	GGG	GFGG		39	31
10858W 4140N	2675-17073	00000/0000	2-10025/0196	11/27/76	10	9412	21.6	150.9	GGGG			39	31
10858W 3730N	2692-17021	00000/0000	2-10025/1262	12/14/76	0	9649	22.2	148.2	GGGG			38	34
10858W 3727N	2602-17053	00000/0000	2-10022/1033	09/15/76	50	8394	45.0	132.8	GGGG			38	34
10858W 3720N	2512-17081	00000/0000	2-10019/1182	06/17/76	30	7139	59.2	107.7	GGGG			38	34
10859W 4850N	2425-17242	00000/0000	2-10017/0392	03/22/76	30	5926	35.8	142.7	FFGG			41	26
10859W 4846N	2497-17222	00000/0000	2-10019/0129	06/02/76	70	6930	55.5	130.3	GGGG			41	26
10859W 3725N	2422-17104	00000/0000	2-10017/0171	03/19/76	10	5884	41.4	133.2	GGGG			38	34
10859W 3725N	2674-17030	00000/0000	2-10025/0663	11/26/76	60	9398	25.0	149.0	GGGG			38	34
10900W 4853N	2695-17160	00000/0000	2-10025/1343	12/17/76	20	9691	13.2	152.8	FFGF			41	26
10900W 4138N	2657-17081	00000/0000	2-10025/0120	11/05/76	30	9161	25.9	150.2	GGGG			39	31
10900W 3721N	2656-17034	00000/0000	2-10025/0109	11/08/76	0	9147	29.4	147.8	GGGG			38	34
10901W 4851N	2605-17192	00000/0000	2-10022/1183	09/18/76	80	8436	37.2	144.5	GGGG			41	26
10901W 4845N	2533-17212	00000/0000	2-10020/0629	07/08/76	20	7432	54.6	127.4	GGGG			41	26
10901W 4137N	2621-17093	00000/0000	2-10023/0436	10/04/76	40	8659	36.9	143.2	FFGG			39	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0466

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10901W	4135N	2387-17161	00000/0000	2-10015/0906	02/13/76	0	5396	26.9	143.0	GGGG		39	31
10901W	3722N	2620-17050	00000/0000	2-10023/0365	10/03/76	60	8645	40.0	139.5	GGGG		38	34
10901W	3718N	2368-17120	00000/0000	2-10018/0111	01/25/76	40	5131	25.2	144.2	GGFG		38	34
10901W	3717N	2404-17111	00000/0000	2-10016/0653	03/01/76	60	5633	35.1	137.0	GGG	GGGG	38	34
10902W	4847N	2677-17164	00000/0000	2-10025/0753	11/29/76	90	9440	15.6	154.1	GGGG		41	26
10902W	4840N	2515-17220	00000/0000	2-10019/1298	06/20/76	20	7181	56.0	127.6	GGGG		41	26
10902W	4136N	2639-17085	00000/0000	2-10023/1262	10/22/76	10	8910	31.2	147.6	FFFG		39	31
10902W	3719N	2386-17114	00000/0000	2-10015/0746	02/12/76	30	5382	29.4	140.7	GGGG		38	34
10903W	3720N	2638-17042	00000/0000	2-10023/1250	10/21/76	30	8896	34.6	144.7	GGGG		38	34
10904W	4844N	2659-17173	00000/0000	2-10025/0177	11/11/76	10	9189	19.9	154.0	GGGG		41	26
10905W	4842N	2623-17185	00000/0000	2-10023/0532	10/06/76	40	8687	31.3	148.9	GGGG		41	26
10906W	4840N	2641-17181	00000/0000	2-10023/1308	10/24/76	80	8938	25.3	152.2	GGGG		41	26
10907W	4836N	2389-17253	00000/0000	2-10015/0932	02/15/76	20	5424	22.7	146.8	GGGF		41	26
10910W	4441N	2460-17185	00000/0000	2-10018/0252	04/26/76	90	6414	50.5	132.5	FGFF		40	29
10910W	3148N	2457-17053	00000/0000	2-10018/0091	04/23/76	0	6372	54.7	115.4	GGGG		37	38
10912W	3146N	2475-17050	00000/0000	2-10018/0958	05/11/76	10	6623	58.1	107.8	FGGG		37	38
10913W	3148N	2439-17060	00000/0000	2-10017/1006	04/05/76	10	6121	49.8	122.3	GGFG		37	38
10913W	3147N	2583-17020	00000/0000	2-10022/0036	08/27/76	50	8129	51.6	117.3	GGGG		37	38
10913W	3145N	2565-17023	00000/0000	2-10021/0784	08/09/76	30	7878	54.4	108.7	GGGG		37	38
10914W	3140N	2547-17030	00000/0000	2-10021/0068	07/22/76	40	7627	56.6	101.6	GGGG		37	38
10915W	4440N	2712-17105	00000/0000	2-10026/0232	01/03/77	60	9928	16.2	148.8	GGGF		40	29
10915W	4433N	2478-17182	2-10018/1468	2-10018/1060	05/14/76	20	6665	54.9	127.9	GGG	GGGG	40	29
10915W	3147N	2709-16573	00000/0000	2-10026/0147	12/31/76	60	9886	25.4	143.6	GGGG		37	38
10915W	3139N	2493-17043	00000/0000	2-10019/0345	05/29/76	0	6874	59.5	101.0	GGGG		37	38
10915W	3139N	2529-17034	00000/0000	2-10020/0504	07/04/76	10	7376	58.3	97.5	GGGG		37	38
10915W	3135N	2511-17041	00000/0000	2-10019/1141	06/16/76	10	7125	59.4	97.2	GGGG		37	38
10916W	4437N	2568-17155	00000/0000	2-10021/0926	08/12/76	20	7920	50.0	128.3	GGGG		40	29
10917W	4440N	2556-17152	00000/0000	2-10022/0313	08/30/76	30	8171	45.5	134.4	GGGG		40	29
10917W	3146N	2727-16565	00000/0000	2-10026/0651	01/18/77	30	137	26.5	140.2	GGGG		37	38
10917W	3144N	2691-16581	00000/0000	2-10025/1202	12/13/76	20	9635	26.5	145.7	GGGG		37	38
10917W	3143N	2421-17063	00000/0000	2-10017/0160	03/18/76	10	5870	43.9	128.0	GGGG		37	38
10918W	4431N	2550-17163	00000/0000	2-10021/0124	07/25/76	20	7669	53.7	123.2	GGGG		40	29
10918W	4430N	2496-17175	00000/0000	2-10019/0442	06/01/76	50	6916	57.2	123.4	GGGG		40	29
10918W	3608N	2458-17095	00000/0000	2-10018/0101	04/24/76	0	6386	53.7	121.4	GGGG		38	35
10919W	4434N	2424-17135	00000/0000	2-10017/0367	03/21/76	70	5912	38.1	139.2	FGGG		40	29

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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0667

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10919W 3602N	2476-17092	00000/0000	2-10018/1006	05/12/76	0	6637	57.4	114.7	GGGG			38	35
10919W 3136N	2367-17080	00000/0000	2-10015/0163	01/24/76	30	5117	28.9	141.5	GGGF			37	38
10920W 4437N	2730-17101	00000/0000	2-10026/0683	01/21/77	30	179	18.2	145.8	GGGG			40	29
10920W 4434N	2676-17122	00000/0000	2-10025/0723	11/28/76	80	9426	19.2	152.2	GGGG			40	29
10920W 4433N	2604-17145	00000/0000	2-10022/1130	09/17/76	30	8422	40.3	140.4	GGGG			40	29
10920W 4427N	2514-17173	00000/0000	2-10019/1287	06/19/76	0	7167	57.6	120.4	GGGG			40	29
10920W 4023N	2441-17145	00000/0000	2-10017/1114	04/07/76	60	6149	46.6	131.7	GG			39	32
10920W 3607N	2440-17102	00000/0000	2-10017/1045	04/06/76	20	6135	48.3	127.1	GGGG			38	35
10920W 3142N	2619-17010	00000/0000	2-10023/0354	10/02/76	60	8631	43.7	134.2	GGGG			37	38
10920W 3139N	2403-17071	00000/0000	2-10016/0586	02/29/76	0	5619	38.0	133.0	GGGG			37	38
10920W 3139N	2655-16594	00000/0000	2-10025/0065	11/07/76	0	9133	33.8	144.4	GGGG			37	38
10921W 4435N	2694-17113	00000/0000	2-10025/1302	12/16/76	30	9677	16.6	151.1	GGGG			40	29
10921W 4433N	2406-17203	00000/0000	2-10016/0711	03/03/76	10	5661	31.3	141.8	GGG	GGGG		40	29
10921W 4429N	2532-17170	00000/0000	2-10020/0590	07/07/76	10	7418	56.3	120.4	GGGG			40	29
10921W 4023N	2459-17142	00000/0000	2-10018/0194	04/25/76	70	6400	52.2	127.1	GGGG			39	32
10921W 4018N	2477-17135	2-10018/1457	2-10018/1049	05/13/76	0	6651	56.3	121.5	GGG	GGGG		39	32
10921W 3607N	2710-17015	00000/0000	2-10026/0158	01/01/77	70	9900	22.4	145.4	GGGG			38	35
10921W 3140N	2673-16590	00000/0000	2-10025/0620	11/25/76	10	9384	29.5	146.1	GGGG			37	38
10921W 3138N	2637-17002	00000/0000	2-10023/1185	10/20/76	30	8882	38.8	140.4	GGGG			37	38
10922W 3605N	2566-17070	00000/0000	2-10021/0841	08/10/76	20	7892	53.4	115.6	GGGG			38	35
10922W 3559N	2548-17073	00000/0000	2-10021/0143	07/23/76	20	7641	56.2	109.1	GGGG			38	35
10922W 3134N	2385-17074	00000/0000	2-10015/0828	02/11/76	90	5368	32.7	137.4	GGGG			37	38
10923W 4026N	2711-17062	00000/0000	2-10026/0212	01/02/77	20	9914	19.3	147.1	GGGG			39	32
10923W 4019N	2567-17113	00000/0000	2-10021/0883	08/11/76	10	7906	51.9	122.1	GGGG			39	32
10923W 3607N	2584-17063	00000/0000	2-10022/0088	08/28/76	0	8143	50.0	123.5	GGGG			38	35
10923W 3602N	2728-17011	00000/0000	2-10026/0661	01/19/77	10	151	23.8	142.1	GGGF			38	35
10923W 3558N	2494-17090	00000/0000	2-10019/0355	05/30/76	30	6888	59.3	108.7	GGGG			38	35
10924W 4429N	2622-17142	00000/0000	2-10023/0475	10/05/76	70	8673	34.6	145.7	GGGG			40	29
10924W 4426N	2640-17134	00000/0000	2-10023/1369	10/23/76	70	8924	28.8	149.5	GGGG			40	29
10924W 4426N	2658-17130	00000/0000	2-10025/0146	11/10/76	90	9175	23.5	151.7	GGGG			40	29
10924W 4014N	2495-17133	00000/0000	2-10019/0414	05/31/76	10	6902	58.5	116.2	GGGG			39	32
10924W 3558N	2530-17080	00000/0000	2-10020/0230	07/05/76	10	7390	58.2	105.3	GGGG			38	35
10925W 4424N	2388-17210	00000/0000	2-10015/0770	02/14/76	90	5410	25.3	144.5	GGGG			40	29
10925W 4022N	2535-17110	00000/0000	2-10022/0256	08/29/76	10	8157	47.9	129.1	GGGG			39	32
10925W 4016N	2531-17123	00000/0000	2-10020/0756	07/06/76	20	7404	57.5	113.0	GGGG			39	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0468

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSR	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10925N	3604N	2692-17024	00000/0000	2-10025/1263	12/14/76	10	9649	23.2	147.6	GGGG		38	35
10925N	3601N	2602-17060	00000/0000	2-10022/1034	09/15/76	20	8394	45.8	131.3	GGGG		38	35
10926N	4021N	2729-17054	00000/0000	2-10026/0672	01/20/77	0	165	21.0	144.0	GGGG		39	32
10926N	3600N	2422-17110	00000/0000	2-10017/0172	03/19/76	50	5884	42.2	131.9	GGGG		38	35
10926N	3554N	2512-17083	00000/0000	2-10019/1183	06/17/76	10	7139	59.3	105.1	GGGG		38	35
10927N	4020N	2693-17071	00000/0000	2-10025/1291	12/15/76	0	9663	19.9	149.4	FGGG		39	32
10927N	4019N	2603-17103	00000/0000	2-10022/1061	09/16/76	20	8408	43.1	136.1	GGGG		39	32
10927N	4016N	2423-17153	00000/0000	2-10017/0271	03/20/76	10	5898	40.2	135.6	GGGG		39	32
10927N	4009N	2513-17130	00000/0000	2-10019/1223	06/18/76	30	7153	58.7	112.8	GGGG		39	32
10927N	3559N	2674-17032	00000/0000	2-10025/0664	11/26/76	20	9398	26.1	148.3	GGGG		38	35
10928N	4730N	2461-17234	00000/0000	2-10018/0311	04/27/76	100	6428	49.3	135.9	GFGG		41	27
10928N	4016N	2405-17160	00000/0000	2-10016/0677	03/02/76	90	5647	33.6	139.0	GG	GGFG	39	32
10928N	4015N	2675-17075	00000/0000	2-10025/0197	11/27/76	10	9412	22.7	150.3	GGGG		39	32
10928N	3556N	2620-17053	00000/0000	2-10023/0366	10/03/76	70	8645	40.9	138.3	GGGG		38	35
10929N	3553N	2368-17122	00000/0000	2-10015/0112	01/25/76	10	5131	26.2	143.5	FGFF		38	35
10929N	3552N	2404-17114	00000/0000	2-10016/0654	03/01/76	60	5633	35.9	135.9	GGG	GGGF	38	35
10930N	4012N	2657-17084	00000/0000	2-10025/0121	11/09/76	10	9161	27.0	149.5	GGGG		39	32
10930N	4010N	2369-17165	00000/0000	2-10015/0215	01/26/76	30	5145	23.4	145.5	GGGG		39	32
10930N	3555N	2638-17045	00000/0000	2-10023/1251	10/21/76	60	8896	35.6	143.7	GGGG		38	35
10930N	3553N	2386-17120	00000/0000	2-10015/0747	02/12/76	80	5382	30.3	139.9	GGGG		38	35
10931N	4731N	2443-17241	00000/0000	2-10017/1172	04/09/76	10	6177	43.4	139.1	GFGG		41	27
10931N	4013N	2621-17035	00000/0000	2-10023/0437	10/04/76	20	8659	37.8	142.1	FGGG		39	32
10931N	4010N	2387-17163	00000/0000	2-10015/0907	02/13/76	0	5396	27.8	142.2	GGGG		39	32
10932N	4729N	2569-17205	00000/0000	2-10021/0938	08/13/76	30	7934	48.4	132.3	GGGG		41	27
10932N	4010N	2639-17092	00000/0000	2-10023/1263	10/22/76	20	8910	32.3	146.7	FFFG		39	32
10933N	4725N	2479-17231	00000/0000	2-10018/1100	05/15/76	40	6679	53.7	132.0	GGGG		41	27
10934N	4729N	2713-17154	00000/0000	2-10026/0244	01/04/77	70	9942	14.2	149.8	GFGG		41	27
10934N	4717N	2407-17252	00000/0000	2-10016/0753	03/04/76	10	5675	29.9	143.6	GGGG		41	27
10935N	4730N	2537-17202	00000/0000	2-10022/0347	08/31/76	10	8185	43.6	137.8	GGG		41	27
10935N	4729N	2731-17150	00000/0000	2-10026/0755	01/22/77	0	193	16.4	147.0	GGGG		41	27
10935N	4725N	2425-17245	00000/0000	2-10017/0393	03/22/76	60	5926	36.7	141.5	GGGG		41	27
10935N	4723N	2551-17212	00000/0000	2-10021/0190	07/26/76	10	7683	52.4	127.7	GGGG		41	27
10935N	3021N	2457-17055	00000/0000	2-10018/0092	04/23/76	0	6372	55.1	113.2	GGGG		37	39
10936N	4728N	2695-17162	00000/0000	2-10025/1344	12/17/76	0	9691	14.3	152.2	GGGG		41	27
10936N	4722N	2497-17225	00000/0000	2-10019/0130	06/02/76	20	6930	56.2	128.0	GGGG		41	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
CROSSINATE LISTING

PAGE 0469

FBR IIS

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	BRIGHT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MSDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
10937	4726N	2605-17195	02000/0000	2-10027/1184	09/18/76	90	8436	38.1	143.3	GGGG			41	27
10937	4721N	2533-17215	02000/0000	2-10020/0630	07/08/76	40	7432	55.2	125.2	GGGG			41	27
10937	3020N	2475-17052	02000/0000	2-10018/0959	05/11/76	20	6623	58.2	105.3	FGGG			37	39
10938	4716N	2515-17222	02000/0000	2-10019/1299	06/20/76	90	7181	56.6	125.2	GGGG			41	27
10938	3022N	2439-17062	02000/0000	2-10017/1007	04/05/76	10	6121	50.3	120.5	GGGG			37	39
10938	3021N	2583-17023	02000/0000	2-10027/0037	08/27/76	70	8129	52.0	115.4	GGGG			37	39
10938	3018N	2565-17030	02000/0000	2-10021/0785	08/09/76	20	7878	54.6	106.5	GGGG			37	39
10938	3014N	2547-17033	02000/0000	2-10021/0069	07/22/76	40	7627	56.6	99.2	GGGG			37	39
10939	4722N	2677-17171	02000/0000	2-10025/0754	11/29/76	90	9440	16.8	153.5	GGGG			41	27
10940	3021N	2709-16575	02000/0000	2-10026/0148	12/31/76	50	9886	26.4	142.9	GGGG			37	39
10940	3013N	2529-17040	02000/0000	2-10020/0505	07/04/76	10	7376	58.2	95.0	GGGG			37	39
10940	3009N	2511-17043	02000/0000	2-10019/1142	06/16/76	10	7125	59.3	94.6	FGGG			37	39
10941	4719N	2659-17111	02000/0000	2-10025/0178	11/11/76	30	9189	21.0	153.3	GGGG			41	27
10942	4717N	2623-17111	02000/0000	2-10023/0533	10/06/76	50	8687	32.3	147.9	GGGG			41	27
10942	4715N	2641-17184	02000/0000	2-10027/1309	10/24/76	20	8938	26.4	151.4	GGGG			41	27
10942	3019N	2727-16571	02000/0000	2-10026/0652	01/18/77	10	137	27.4	139.5	GGGG			37	39
10942	3018N	2421-17070	02000/0000	2-10017/0161	03/18/76	10	5870	44.6	126.6	GGF			37	39
10942	3018N	2631-16534	02000/0000	2-10025/1203	12/13/76	10	9635	27.5	145.0	GGGP			37	39
10942	3016N	2601-17020	02000/0000	2-10027/0991	09/14/76	10	8380	48.7	124.5	GGGG			37	39
10943	4712N	2389-17255	02000/0000	2-10015/0933	02/15/76	60	5424	23.6	146.0	GGFG			41	27
10943	4315N	2460-17191	02000/0000	2-10018/0253	04/26/76	90	6414	51.2	130.7	FGFG			40	30
10944	3016N	2619-17012	02000/0000	2-10023/0355	10/02/76	80	8631	44.5	132.8	GGGG			37	39
10944	3013N	2655-17001	02000/0000	2-10025/0066	11/07/76	0	9133	34.8	143.5	GGGG			37	39
10944	3010N	2367-17082	02000/0000	2-10015/0164	01/24/76	30	5117	29.8	140.7	GGGG			37	39
10945	3442N	2458-17102	02000/0000	2-10018/0102	04/24/76	0	6386	54.1	119.3	GGGG			38	36
10945	3013N	2637-17005	02000/0000	2-10023/1186	10/20/76	70	8882	39.7	139.3	GGGG			37	39
10946	3442N	2440-17105	02000/0000	2-10017/1046	04/06/76	40	6135	49.0	125.4	GGGG			38	36
10946	3437N	2476-17095	02000/0000	2-10018/1007	05/12/76	0	6637	57.7	112.3	GGGG			38	36
10946	3015N	2673-16592	02000/0000	2-10025/0621	11/25/76	10	9384	30.5	145.4	GGGG			37	39
10946	3013N	2403-17073	02000/0000	2-10016/0587	02/29/76	0	5619	38.7	131.8	GGGG			37	39
10946	3008N	2385-17080	02000/0000	2-10015/0829	02/11/76	100	5368	33.6	136.5	GGGG			37	39
10947	5010N	2498-17274	02000/0000	2-10019/0533	06/03/76	60	6944	55.0	132.4	FGGG			42	25
10947	4315N	2712-17111	02000/0000	2-10026/0233	01/03/77	90	9928	17.3	148.2	GGGF			40	30
10947	4308N	2478-17185	2-10018/1469	2-10018/1061	05/14/76	10	6665	55.5	125.7	GGG	FGGG		40	30
10948	4312N	2568-17152	02000/0000	2-10021/0927	08/12/76	10	7920	50.6	126.4	GGGG			40	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MSDF ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR ISS  
FROM 01/22/76 TO 01/22/77

PAGE 0670

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION 1	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
10948.	3441N	2710-1702P	00000/0000	2-10026/0159	01/01/77	80	9900	23.4	144.7	GGGG	38	36
10949.	3003N	2516-17271	00000/0000	2-10019/1339	06/21/76	60	7195	55.4	129.8	GGGG	42	25
10949.	4315N	2586-17155	00000/0000	2-10022/0314	08/30/76	10	8171	46.2	132.8	GGGG	40	30
10949.	3858N	2441-1715P	00000/0000	2-10017/1120	04/07/76	20	6149	47.4	130.1	FFGG	39	33
10949.	3441N	2584-17065	00000/0000	2-10022/0089	08/28/76	10	8143	50.5	121.6	GGGG	38	36
10949.	3439N	2566-1707P	00000/0000	2-10021/0842	08/10/76	20	7892	53.8	113.5	GGGG	38	36
10949.	3434N	2548-17080	00000/0000	2-10021/0144	07/23/76	20	7641	56.3	106.7	GGGG	38	36
10950.	4305N	2550-17165	00000/0000	2-10021/0125	07/25/76	20	7669	54.2	121.0	GGGG	40	30
10950.	3858N	2459-17145	00000/0000	2-10018/0195	04/25/76	70	6400	52.9	125.1	GGGG	39	33
10950.	3852N	2477-1714P	2-10018/1458	2-10018/1050	05/13/76	0	6651	56.8	119.1	GGG GGGG	39	33
10950.	3436N	2728-17014	00000/0000	2-10026/0662	01/19/77	30	151	24.8	141.4	GGGG	38	36
10950.	3433N	2694-1703P	00000/0000	2-10015/0356	05/30/76	10	6888	59.4	106.0	GGGG	38	36
10951.	3008N	2534-17264	00000/0000	2-10020/0655	07/09/76	60	7446	53.9	129.7	GGGG	42	25
10951.	5008N	2660-17225	00000/0000	2-10025/0232	11/12/76	0	9203	18.5	154.8	GGGG	42	25
10951.	4305N	2496-1714P	00000/0000	2-10019/0443	06/01/76	30	6916	57.7	120.9	GGGG	40	30
10951.	3439N	2692-17030	00000/0000	2-10025/1264	12/14/76	10	9649	24.3	147.0	GGGG	38	36
10951.	3432N	2530-17043	00000/0000	2-10020/0231	07/05/76	10	7390	58.2	102.8	GGGG	38	36
10952.	4312N	2730-17103	00000/0000	2-10026/0684	01/21/77	50	179	13.2	145.1	GGFG	40	30
10952.	4309N	2424-1720P	00000/0000	2-10017/0368	03/21/76	50	5912	38.9	137.9	FFGG	40	30
10952.	4308N	2604-1715P	00000/0000	2-10022/1131	09/17/76	30	8422	41.2	139.1	FFGG	40	30
10952.	4302N	2514-17175	00000/0000	2-10019/1288	06/19/76	0	7167	58.0	117.9	GGGG	40	30
10952.	3859N	2711-17065	00000/0000	2-10026/0213	01/02/77	20	9914	20.3	146.5	GGGG	39	33
10952.	3854N	2567-17115	00000/0000	2-10021/0834	08/11/76	20	7906	52.4	120.1	GGGG	39	33
10952.	3435N	2602-1706P	00000/0000	2-10022/1035	09/15/76	30	8390	46.5	129.8	GGGG	38	36
10952.	3429N	2512-17090	00000/0000	2-10019/1184	06/17/76	10	7139	59.4	102.4	GGGG	38	36
10953.	5005N	2642-17233	00000/0000	2-10023/1351	10/25/76	100	8952	23.9	153.2	FFGG	42	25
10953.	4310N	2694-17120	00000/0000	2-10025/1303	12/16/76	20	9677	17.7	150.5	GGGG	40	30
10953.	4308N	2406-17205	00000/0000	2-10016/0712	03/03/76	20	5661	32.2	140.8	GGG GFFG	40	30
10953.	4308N	2676-17124	00000/0000	2-10025/0724	11/28/76	60	9426	20.3	151.6	GGGG	40	30
10953.	4303N	2532-1717P	00000/0000	2-10020/0591	07/07/76	10	7418	56.7	118.0	GGGG	40	30
10953.	3449N	2495-17135	00000/0000	2-10019/0415	05/31/76	10	6902	58.8	113.6	FFFG	39	33
10953.	3434N	2422-17113	00000/0000	2-10017/0173	03/19/76	30	5884	42.9	130.5	GGGG	38	36
10953.	3433N	2674-17035	00000/0000	2-10025/0665	11/26/76	0	9398	27.2	147.6	GGGG	38	36
10954.	5001N	2390-17304	00000/0000	2-10015/0987	02/16/76	90	5438	22.0	147.5	FFGG	42	25
10954.	3456N	2585-1711P	00000/0000	2-10022/0257	08/29/76	10	8157	48.6	127.4	GGGG	39	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0671

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUN PATH NUM.	FRAME RBV NUM.
10954W	3851N	2531-17125	00000/0000	2-10020/0757	07/06/76	10	7404	57.7	110.5	GGGG		39	33
10955W	3855N	2729-17061	00000/0000	2-10026/0673	01/20/77	0	165	22.0	143.3	GGGG		39	33
10955W	3430N	2520-17055	00000/0000	2-10023/0367	10/03/76	50	8645	41.8	137.1	GGGG		38	36
10955W	3427N	2368-17125	00000/0000	2-10015/0113	01/25/76	20	5131	27.1	142.8	GGGG		38	36
10956W	4304N	2622-17145	00000/0000	2-10023/0476	10/05/76	30	8673	35.6	144.6	GGGG		40	30
10956W	3854N	2603-17106	00000/0000	2-10022/1062	09/16/76	20	8408	44.0	134.7	GGGG		39	33
10956W	3854N	2693-17072	00000/0000	2-10025/1292	12/15/76	0	9663	21.0	148.8	GGFG		39	33
10956W	3851N	2423-17155	00000/0000	2-10017/0272	03/20/76	0	5898	41.0	134.3	GGGG		39	33
10956W	3844N	2513-17133	00000/0000	2-10019/1224	06/18/76	10	7153	59.0	110.2	GGGG		39	33
10956W	3430N	2638-17051	00000/0000	2-10023/1252	10/21/76	90	8896	36.6	142.7	GGGG		38	36
10956W	3426N	2404-17120	00000/0000	2-10016/0655	03/01/76	60	5633	36.8	134.9	GGG GGG		38	36
10957W	4302N	2658-17133	00000/0000	2-10025/0147	11/10/76	80	9175	24.6	151.0	GGGG		40	30
10957W	4301N	2640-17141	00000/0000	2-10023/1370	10/23/76	20	8924	29.9	148.7	FGGG		40	30
10957W	4258N	2388-17212	00000/0000	2-10015/0771	02/14/76	80	5410	26.2	143.7	GGGG		40	30
10957W	3851N	2405-17163	00000/0000	2-10016/0678	03/02/76	20	5647	34.5	137.9	GGGG		39	33
10957W	3850N	2675-17082	00000/0000	2-10025/0198	11/27/76	10	9412	23.8	149.6	GGGG		39	33
10957W	3428N	2386-17123	00000/0000	2-10015/0748	02/12/76	60	5382	31.2	139.0	GGGG		38	36
10959W	3847N	2657-17090	00000/0000	2-10025/0122	11/09/76	10	9161	28.1	148.7	GGGG		39	33
10959W	3845N	2369-17172	00000/0000	2-10015/0216	01/26/76	0	5145	24.4	144.8	GGGG		39	33
11000W	3847N	2621-17102	00000/0000	2-10023/0438	10/04/76	10	8659	38.8	141.0	GGGF		39	33
11000W	3844N	2387-17170	00000/0000	2-10015/0908	02/13/76	0	5396	28.8	141.4	GGGF		39	33
11000W	2855N	2457-17062	00000/0000	2-10018/0093	04/23/76	0	6372	55.4	111.0	GGGG		37	40
11001W	3845N	2639-17034	00000/0000	2-10023/1264	10/22/76	50	8910	33.3	145.8	FFFG		39	33
11001W	2854N	2475-17055	00000/0000	2-10018/0960	05/11/76	20	6623	58.3	102.8	FGGG		37	40
11002W	2857N	2439-17065	00000/0000	2-10017/1008	04/05/76	50	6121	50.8	118.7	GGGG		37	40
11003W	4605N	2451-17241	00000/0000	2-10018/0312	04/27/76	100	6428	50.1	134.1	GFGG		41	28
11006W	4606N	2443-17244	00000/0000	2-10017/1173	04/09/76	40	6177	44.2	137.6	GFGG		41	28
11007W	4604N	2559-17211	00000/0000	2-10021/0939	08/13/76	10	7934	49.1	130.5	GGG		41	28
11008W	4600N	2479-17234	00000/0000	2-10018/1101	05/15/76	70	6679	54.4	129.9	GGGG		41	28
11009W	4604N	2713-17160	00000/0000	2-10026/0245	01/04/77	40	9942	15.2	149.2	GGGG		41	28
11009W	4604N	2731-17152	00000/0000	2-10026/0756	01/22/77	0	193	17.4	146.3	GGG		41	28
11010W	4605N	2587-17204	00000/0000	2-10022/0348	08/31/76	10	8185	44.4	136.3	GGG		41	28
11010W	4600N	2425-17251	00000/0000	2-10017/0394	03/22/76	30	5926	37.5	140.3	FGGG		41	28
11010W	4558N	2551-17214	00000/0000	2-10021/0191	07/26/76	10	7683	53.0	125.6	GGGG		41	28
11010W	4552N	2407-17255	00000/0000	2-10016/0754	03/04/76	10	5675	30.8	142.6	GGGG		41	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0672

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11011	4603N	2695-17165	00000/0000	2-10025/1345	12/17/76	10	9691	15.4	151.6	GGFG		41	28
11011	4557N	2497-17231	00000/0000	2-10019/0131	06/02/76	10	6930	56.8	125.6	FGGG		41	28
11011	3316N	2458-17104	00000/0000	2-10018/0103	04/24/76	0	6386	54.6	117.1	GGGG		38	37
11012	4601N	2605-17201	00000/0000	2-10022/1185	09/18/76	90	8436	39.1	142.0	GGGG		41	28
11012	4557N	2533-17221	00000/0000	2-10020/0631	07/08/76	30	7432	55.7	122.8	GGGG		41	28
11012	3311N	2476-17101	00000/0000	2-10018/1008	05/12/76	10	6637	58.0	109.8	GGGG		38	37
11013	4551N	2515-17225	00000/0000	2-10019/1300	06/20/76	60	7181	57.1	122.8	GGGG		41	28
11013	3316N	2440-17111	00000/0000	2-10017/1047	04/06/76	50	6135	49.5	123.7	GGGG		38	37
11014	4557N	2677-17173	00000/0000	2-10025/0755	11/29/76	90	9440	17.9	152.8	GGGG		41	28
11014	4150N	2460-17194	00000/0000	2-10018/0254	04/26/76	90	6414	51.9	128.8	GGFG		40	31
11015	3315N	2584-17072	00000/0000	2-10022/0090	08/28/76	10	8143	51.0	119.8	GGGG		38	37
11015	3315N	2710-17024	00000/0000	2-10026/0160	01/01/77	80	9900	24.4	144.1	GGGG		38	37
11015	3313N	2566-17075	00000/0000	2-10021/0843	08/10/76	20	7892	54.1	111.3	GGFG		38	37
11015	3308N	2548-17082	00000/0000	2-10021/0145	07/23/76	30	7641	56.5	104.3	GGGG		38	37
11016	4554N	2659-17182	00000/0000	2-10025/0179	11/11/76	30	9189	22.1	152.6	GGGG		41	28
11016	3306N	2630-17045	00000/0000	2-10020/0232	07/05/76	20	7390	58.3	100.2	GGGG		38	37
11017	4552N	2623-17194	00000/0000	2-10023/0534	10/06/76	70	8687	33.3	146.9	GGGG		41	28
11017	4551N	2641-17130	00000/0000	2-10023/1310	10/24/76	10	8938	27.5	150.6	GGGG		41	28
11017	4548N	2371-17254	00000/0000	2-10018/0755	01/28/76	10	5173	19.7	147.9	GGGG		41	28
11017	3731N	2441-17154	00000/0000	2-10017/1121	04/07/76	10	6149	48.0	128.5	GGGG		39	34
11017	3313N	2692-17033	00000/0000	2-10025/1265	12/14/76	10	9649	25.3	146.3	GGGG		38	37
11017	3311N	2728-17020	00000/0000	2-10026/0663	01/19/77	10	151	25.7	140.7	GGGG		38	37
11017	3307N	2494-17095	00000/0000	2-10019/0357	05/30/76	10	6888	59.5	103.4	GGGF		38	37
11018	4548N	2389-17262	00000/0000	2-10015/0934	02/15/76	90	5424	24.6	145.2	GGFG		41	28
11018	4149N	2712-17114	00000/0000	2-10026/0234	01/03/77	90	9928	18.3	147.6	GGGF		40	31
11018	4142N	2478-17191	2-10018/1470	2-10018/1062	05/14/76	10	6665	56.0	123.4	GGG	GGGF	40	31
11018	3732N	2459-17151	00000/0000	2-10018/0196	04/25/76	40	6400	53.4	123.0	GGGG		39	34
11018	3309N	2602-17065	00000/0000	2-10022/1036	09/15/76	30	8394	47.2	128.3	GGGG		38	37
11018	3307N	2422-17115	00000/0000	2-10017/0174	03/19/76	10	5884	43.6	129.1	GGGG		38	37
11018	3303N	2512-17092	00000/0000	2-10019/1185	06/17/76	0	7139	59.4	99.8	GGGG		38	37
11019	3727N	2477-17144	2-10018/1459	2-10018/1051	05/13/76	0	6651	57.2	116.8	GGG	GGGG	39	34
11019	3308N	2674-17041	00000/0000	2-10025/0666	11/26/76	0	9398	28.2	146.9	GGGG		38	37
11020	4150N	2586-17161	00000/0000	2-10022/0315	08/30/76	10	8171	46.9	131.2	GGGG		40	31
11020	4146N	2568-17164	00000/0000	2-10021/0928	08/12/76	10	7920	51.2	124.5	GGGG		40	31
11020	3733N	2711-17071	00000/0000	2-10026/0214	01/02/77	20	9914	21.4	145.9	GGGG		39	34

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0673

PRINCIPAL POINT OF IMAGE	SRSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLUD COVER %	SRRT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODF	MSS IMAGE GAIN	SRBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV MSS						123 45678				
11021N	4855N	2444-17293	00000/0000	2-10017/1212	04/10/76	10	6191	42.9	140.4	GGGG	42	26
11021N	4854N	2462-17290	00000/0000	2-10018/0399	04/28/76	80	6442	48.8	137.5	GGGG	42	26
11021N	4850N	2480-17283	00000/0000	2-10018/1125	05/16/76	10	6693	53.2	133.9	GGGG	42	26
11021N	3729N	2567-17122	00000/0000	2-10021/0885	08/11/76	10	7906	52.9	118.0	GGGG	39	34
11021N	3724N	2495-17142	00000/0000	2-10019/0416	05/31/76	10	6902	59.1	111.0	GGGG	39	34
11021N	3305N	2620-17062	00000/0000	2-10023/0368	10/03/76	20	8645	42.6	135.8	GGGG	38	37
11021N	3305N	2656-17050	00000/0000	2-10025/0110	11/08/76	0	9147	32.5	145.4	GGGG	38	37
11021N	3304N	2638-17054	00000/0000	2-10023/1253	10/21/76	50	8896	37.5	141.7	GGGG	38	37
11021N	3301N	2368-17131	00000/0000	2-10015/0114	01/25/76	0	5131	28.1	142.0	GGGG	38	37
11022N	4141N	2550-17172	00000/0000	2-10021/0126	07/25/76	30	7669	54.6	118.8	GGGG	40	31
11022N	4139N	2496-17184	00000/0000	2-10019/0444	06/01/76	10	6916	58.2	118.4	GGGG	40	31
11022N	3731N	2585-17115	00000/0000	2-10022/0258	08/29/76	10	8157	49.2	125.7	GGGG	39	34
11022N	3725N	2531-17132	00000/0000	2-10020/0758	07/06/76	10	7404	57.9	108.0	GGGG	39	34
11022N	3300N	2404-17123	00000/0000	2-10016/0656	03/01/76	70	5633	37.6	133.8	GGGG	38	37
11023N	4854N	2714-17210	00000/0000	2-10026/0267	01/05/77	30	9956	13.2	150.3	GGGG	42	26
11023N	4147N	2730-17110	00000/0000	2-10026/0685	01/21/77	50	179	20.2	144.5	GGGG	40	31
11023N	4143N	2424-17204	00000/0000	2-10017/0369	03/21/76	20	5912	39.7	136.7	GGGG	40	31
11023N	4143N	2604-17154	00000/0000	2-10022/1132	09/17/76	20	8422	42.0	137.8	GGGG	40	31
11023N	4137N	2514-17182	00000/0000	2-10019/1259	06/19/76	0	7167	58.4	115.4	GGGG	40	31
11023N	3302N	2386-17125	00000/0000	2-10015/0749	02/12/76	60	5382	32.1	132.1	GGGG	38	37
11024N	4855N	2588-17253	00000/0000	2-10022/0459	09/01/76	10	8199	42.5	139.6	GGGG	42	26
11024N	4852N	2570-17250	00000/0000	2-10021/1005	08/14/76	20	7948	47.5	134.3	GGGG	42	26
11024N	4144N	2694-17122	00000/0000	2-10025/1304	12/16/76	30	9677	18.8	149.9	GGGG	40	31
11024N	4142N	2406-17212	00000/0000	2-10016/0713	03/03/76	40	5661	33.1	139.8	GGGG	40	31
11024N	4142N	2676-17131	00000/0000	2-10025/0725	11/28/76	70	9426	21.4	150.9	GGGG	40	31
11024N	4137N	2532-17175	00000/0000	2-10020/0592	07/07/76	10	7418	57.1	115.5	GGGG	40	31
11024N	3729N	2693-17080	00000/0000	2-10025/1293	12/15/76	0	9663	22.1	148.1	GGGG	39	34
11024N	3729N	2729-17063	00000/0000	2-10026/0674	01/20/77	40	165	23.0	142.6	GGGG	39	34
11024N	3728N	2603-17112	00000/0000	2-10022/1053	09/16/76	20	8408	44.7	133.2	GGGG	39	34
11024N	3726N	2423-17162	00000/0000	2-10017/0273	03/20/76	0	5898	41.8	133.0	GGGG	39	34
11024N	3719N	2513-17135	00000/0000	2-10019/1225	06/18/76	10	7153	59.2	107.6	GGGG	39	34
11025N	4852N	2696-17214	00000/0000	2-10025/1356	12/18/76	60	9705	13.2	152.7	GGGG	42	26
11025N	4846N	2498-17280	00000/0000	2-10019/0534	06/03/76	30	6944	55.6	130.1	GGGG	42	26
11025N	4846N	2552-17264	00000/0000	2-10021/0246	07/27/76	30	7697	51.6	129.9	GGGG	42	26
11025N	3725N	2405-17165	00000/0000	2-10016/0679	03/02/76	20	5647	35.4	136.9	GGGG	39	34

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODF ..... (BLANK)=COMPRESSED, 1=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING

PAGE 0674

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11025..	3724N	2675-17084	00000/0000	2-10025/0199	11/27/76	10	9412	24.8	149.0	GGGG		39	34
11026..	4848N	2426-17350	00000/0000	2-10017/0308	03/23/76	80	5940	36.2	142.5	GGGG		42	26
11027..	4849N	2606-17250	00000/0000	2-10027/1210	09/19/76	0	8450	36.9	144.7	FGGG		42	26
11027..	4839N	2516-17274	00000/0000	2-10019/1340	06/21/76	60	7195	56.0	127.5	GGGG		42	26
11027..	4139N	2622-17151	00000/0000	2-10023/0477	10/05/76	70	8673	36.6	143.5	GGGG		40	31
11027..	3720N	2369-17174	00000/0000	2-10015/0217	01/26/76	0	5145	25.3	144.1	GGGG		39	34
11028..	4137N	2658-17135	00000/0000	2-10025/0148	11/10/76	70	9175	25.7	150.3	GGGG		40	31
11028..	4136N	2640-17143	00000/0000	2-10023/1371	10/23/76	10	8924	30.9	147.8	GGGG		40	31
11028..	4133N	2358-17215	00000/0000	2-10015/0772	02/14/76	80	5410	27.2	142.8	GGGG		40	31
11028..	3721N	2621-17104	00000/0000	2-10023/0439	10/04/76	10	8659	39.7	139.9	GGGG		39	34
11028..	3721N	2657-17093	00000/0000	2-10025/0123	11/09/76	0	9161	29.1	147.9	GGGG		39	34
11028..	3720N	2639-17101	00000/0000	2-10023/1265	10/22/76	40	8910	34.3	144.9	FFFG		39	34
11028..	3719N	2387-17172	00000/0000	2-10015/0909	02/13/76	10	5396	29.7	140.5	GGGG		39	34
11029..	4846N	2678-17223	00000/0000	2-10025/0777	11/30/76	30	9454	15.5	154.1	FGGG		42	26
11029..	4843N	2534-17271	00000/0000	2-10020/0656	07/09/76	80	7446	54.5	127.5	GGGG		42	26
11030..	4843N	2372-17313	00000/0000	2-10015/0030	01/29/76	40	5187	17.9	149.2	GGGG		42	26
11030..	4843N	2624-17243	00000/0000	2-10023/0599	10/07/76	0	8701	30.9	149.2	GGGG		42	26
11030..	4843N	2650-17231	00000/0000	2-10025/0233	11/12/76	10	9203	19.6	154.0	GGGG		42	26
11032..	4841N	2642-17235	00000/0000	2-10023/1352	10/25/76	80	8952	25.0	152.4	GGGG		42	26
11032..	4836N	2390-17311	00000/0000	2-10015/0988	02/16/76	100	5438	23.0	146.7	FFGG		42	26
11037..	4440N	2461-17243	00000/0000	2-10018/0313	04/27/76	90	6428	50.8	132.3	GGGG		41	29
11037..	3149N	2458-17111	00000/0000	2-10018/0104	04/24/76	0	6386	55.0	115.0	GGGG		38	38
11037..	3145N	2476-17104	00000/0000	2-10018/1009	05/12/76	0	6637	58.2	107.3	GGGG		38	38
11039..	3150N	2440-17114	00000/0000	2-10017/1048	04/06/76	30	6135	50.1	121.9	GGGG		38	38
11040..	4441N	2443-17250	00000/0000	2-10017/1174	04/09/76	90	6177	45.0	136.1	FGGG		41	29
11040..	3149N	2710-17031	00000/0000	2-10024/0161	01/01/77	60	9900	25.4	143.4	GGGF		38	38
11040..	3148N	2554-17074	00000/0000	2-10022/0091	08/28/76	10	8143	51.5	117.9	GGGG		38	38
11040..	3147N	2566-17081	00000/0000	2-10021/0844	08/10/76	10	7892	54.3	109.1	FFFG		38	38
11040..	3142N	2545-17085	00000/0000	2-10021/0146	07/23/76	50	7641	56.5	102.0	GGGG		38	38
11041..	4439N	2569-17214	00000/0000	2-10021/0940	08/13/76	10	7934	49.8	128.6	GGG		41	29
11042..	4438N	2713-17163	00000/0000	2-10026/0246	01/04/77	20	9942	16.3	148.6	FGGG		41	29
11042..	4435N	2479-17240	00000/0000	2-10018/1102	05/15/76	50	6679	55.0	127.7	GGGG		41	29
11042..	3147N	2692-17035	00000/0000	2-10025/1266	12/14/76	10	9649	26.4	145.6	FGGG		38	38
11042..	3145N	2728-17023	00000/0000	2-10026/0664	01/19/77	0	151	26.6	140.0	GGGG		38	38
11042..	3141N	2494-17101	00000/0000	2-10019/0358	05/30/76	0	6888	59.6	100.8	GGGG		38	38

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0675

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MBDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11042N	3140N	2530-17092	00000/0000	2-10020/0233	07/05/76	10	7390	58.2	97.7	GGGG		38	38
11043N	4439N	2731-17155	00000/0000	2-10026/0757	01/22/77	10	193	18.4	145.6	GGGG		41	29
11043N	4435N	2425-17254	00000/0000	2-10017/0395	03/22/76	10	5926	38.4	139.0	GGGG		41	29
11043N	4433N	2531-17221	00000/0000	2-10021/0192	07/26/76	40	7683	53.5	123.5	GGGG		41	29
11043N	4427N	2407-17261	00000/0000	2-10016/0755	03/04/76	10	5675	31.7	141.6	GGGG		41	29
11043N	3144N	2602-17071	00000/0000	2-10022/1037	09/15/76	10	8394	47.8	126.7	GGGG		38	38
11043N	3141N	2422-17122	00000/0000	2-10017/0175	03/19/76	10	5884	44.3	127.7	GGGG		38	38
11044N	4440N	2587-17211	00000/0000	2-10020/0349	08/31/76	10	8185	45.2	134.7	GGG		41	29
11044N	4432N	2497-17234	00000/0000	2-10019/0132	06/02/76	10	6930	57.3	123.2	GGGG		41	29
11044N	3142N	2674-17044	00000/0000	2-10025/0667	11/26/76	0	9398	29.3	146.1	GGGG		38	38
11045N	4438N	2695-17171	00000/0000	2-10025/1346	12/17/76	10	9691	16.5	151.0	GGGF		41	29
11045N	4435N	2605-17204	00000/0000	2-10027/1186	09/18/76	80	8436	40.0	140.7	GGGG		41	29
11045N	4431N	2533-17274	00000/0000	2-10020/0632	07/08/76	10	7432	56.2	120.5	GGGG		41	29
11045N	4025N	2460-17200	00000/0000	2-10018/0255	04/26/76	90	6414	52.5	126.8	GGGG		40	32
11045N	3605N	2441-17161	00000/0000	2-10017/1122	04/07/76	0	6149	48.7	126.8	GGGF		39	35
11045N	3139N	2620-17064	00000/0000	2-10023/0369	10/03/76	10	8645	43.4	134.6	GGGG		38	38
11046N	4426N	2515-17231	00000/0000	2-10019/1301	06/20/76	30	7181	57.6	120.3	GGGG		41	29
11046N	3606N	2459-17154	00000/0000	2-10018/0197	04/25/76	50	6400	53.9	121.0	GGGG		39	35
11046N	3601N	2477-17151	2-10018/1460	2-10018/1052	05/13/76	0	6651	57.6	114.3	GGG	GGGF	39	35
11046N	3139N	2638-17060	00000/0000	2-10023/1254	10/21/76	40	8896	38.5	140.7	GGGG		38	38
11046N	3139N	2656-17052	00000/0000	2-10025/0111	11/08/76	0	9147	33.5	144.6	GGGG		38	38
11047N	3135N	2368-17134	00000/0000	2-10015/0115	01/25/76	0	5131	29.0	141.3	FGGG		38	38
11048N	4432N	2677-17130	00000/0000	2-10025/0756	11/29/76	90	9440	19.0	152.2	GGGG		41	29
11048N	4017N	2478-17194	2-10018/1471	2-10018/1063	05/14/76	0	6665	56.5	121.1	GGG	GGGG	40	32
11048N	3607N	2711-17074	00000/0000	2-10026/0215	01/02/77	20	9914	22.4	145.2	GGGG		39	35
11048N	3134N	2404-17125	00000/0000	2-10016/0657	03/01/76	30	5633	38.3	132.6	GGG	FGGG	38	36
11049N	4429N	2659-17184	00000/0000	2-10025/0130	11/11/76	10	9189	23.2	151.8	GGGG		41	29
11049N	4024N	2712-17120	00000/0000	2-10026/0235	01/03/77	90	9928	19.4	146.9	GGGF		40	32
11049N	3603N	2567-17124	00000/0000	2-10021/0886	08/11/76	10	7906	53.3	115.9	GGGG		39	35
11049N	3559N	2531-17134	00000/0000	2-10020/0759	07/06/76	10	7404	58.1	105.5	GGGG		39	35
11049N	3558N	2495-17144	00000/0000	2-10019/0417	05/31/76	10	6902	59.3	108.4	GGGG		39	35
11050N	4427N	2623-17200	00000/0000	2-10023/0535	10/06/76	80	8687	34.3	145.9	GGGG		41	29
11050N	4024N	2586-17164	00000/0000	2-10027/0316	08/30/76	10	8171	47.6	129.5	GGGG		40	32
11050N	4021N	2568-17171	00000/0000	2-10021/0929	08/12/76	10	7920	51.7	122.5	GGGG		40	32
11050N	3605N	2585-17121	00000/0000	2-10022/0259	08/29/76	10	8157	49.8	123.9	GGGG		39	35

KEYS: CLOUD COVER % ..... TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0676

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL PAINT SF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11051A	4426V	2641-17193	00000/0000	2-10027/1311	10/24/76	20	8938	28.5	149.7	GGGG	41	29
11051A	3604V	2729-17070	00000/0000	2-10026/1675	01/20/77	50	165	23.9	141.9	GGGG	39	35
11051A	3553V	2513-17142	00000/0000	2-10019/1226	06/18/76	10	7153	59.3	104.9	GGGG	39	35
11052A	4423V	2389-17264	00000/0000	2-10015/0935	02/15/76	90	5424	25.6	144.3	GGGG	41	29
11052A	4016V	2550-17174	00000/0000	2-10021/0127	07/25/76	40	7669	55.0	116.5	GGGG	40	32
11052A	4014V	2496-17191	00000/0000	2-10019/0445	06/01/76	10	6916	58.5	115.9	GGGG	40	32
11052A	4012V	2514-17184	00000/0000	2-10019/1290	06/19/76	0	7167	58.7	112.8	GGGG	40	32
11052A	3603V	2693-17082	00000/0000	2-10025/1294	12/15/76	0	9663	23.1	147.5	GGGG	39	35
11052A	3602V	2603-17114	00000/0000	2-10027/1064	09/16/76	20	8408	45.5	131.8	GGGG	39	35
11052A	3601V	2423-17164	00000/0000	2-10017/0274	03/20/76	0	5898	42.5	131.6	GGGG	39	35
11052A	3559V	2675-17091	00000/0000	2-10025/0200	11/27/76	30	9412	25.9	148.3	GGGG	39	35
11053A	4021V	2730-17112	00000/0000	2-10026/0686	01/21/77	20	179	21.2	143.8	GGGG	40	32
11053A	4018V	2424-17211	00000/0000	2-10017/0370	03/21/76	10	5912	40.6	135.4	GGGG	40	32
11053A	4017V	2604-17161	00000/0000	2-10022/1133	09/17/76	10	8422	42.9	136.4	GGGG	40	32
11053A	4012V	2532-17181	00000/0000	2-10020/0593	07/07/76	20	7418	57.4	113.1	GGGG	40	32
11053A	3600V	2405-17172	00000/0000	2-10016/0680	03/02/76	10	5647	36.2	135.8	GGG	39	35
11054A	4019V	2694-17125	00000/0000	2-10025/1305	12/16/76	20	9677	19.9	149.3	GGGG	40	32
11054A	4017V	2406-17214	00000/0000	2-10016/0714	03/03/76	20	5661	34.0	138.8	GGG	40	32
11054A	4016V	2676-17133	00000/0000	2-10025/0719	11/28/76	30	9426	22.4	150.3	GGG	40	32
11054A	3554V	2369-17181	00000/0000	2-10015/0218	01/26/76	0	5145	26.3	143.3	GGGG	39	35
11055A	3553V	2387-17175	00000/0000	2-10015/0910	02/13/76	10	5396	30.6	139.6	GGGG	39	35
11056A	3556V	2621-17111	00000/0000	2-10023/0440	10/04/76	10	8659	40.6	138.7	GGFF	39	35
11056A	3556V	2657-17095	00000/0000	2-10025/0124	11/09/76	0	9161	30.2	147.2	GGGG	39	35
11056A	3555V	2639-17103	00000/0000	2-10023/1266	10/22/76	70	8910	35.3	143.9	FFFF	39	35
11057A	4729V	2462-17292	00000/0000	2-10018/0400	04/28/76	90	6442	49.6	135.7	GGGG	42	27
11057A	4014V	2622-17154	00000/0000	2-10023/0478	10/05/76	10	8673	37.5	142.4	GGGG	40	32
11058A	4730V	2444-17295	00000/0000	2-10017/1213	04/10/76	10	6191	43.7	138.9	GGGG	42	27
11058A	4724V	2480-17290	00000/0000	2-10018/1126	05/16/76	10	6693	53.9	131.8	GGGG	42	27
11058A	4011V	2640-17150	00000/0000	2-10023/1372	10/23/76	20	8924	32.0	146.9	GGGG	40	32
11058A	4011V	2658-17142	00000/0000	2-10025/0149	11/10/76	90	9175	26.8	149.6	GGGG	40	32
11058A	4008V	2355-17221	00000/0000	2-10015/0773	02/14/76	90	5410	28.1	142.0	GGGG	40	32
11100A	4729V	2714-17212	00000/0000	2-10026/0268	11/05/77	10	9956	14.2	149.7	GGGF	42	27
11101A	4729V	2558-17260	00000/0000	2-10022/0460	09/01/76	10	8199	43.3	138.1	GGGG	42	27
11101A	4727V	2570-17263	00000/0000	2-10021/1036	08/14/76	50	7948	48.2	132.6	GGGG	42	27
11101A	4721V	2498-17253	00000/0000	2-10019/0535	06/03/76	10	6944	56.3	127.8	GGGG	42	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0677

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11101N	4721N	2552-17270	00000/0000	2-10021/0247	07/27/76	10	7697	52.2	127.9	GGGG		42	27
11102N	4728N	2696-17221	00000/0000	2-10025/1357	12/18/76	70	9705	14.3	152.1	GGGG		42	27
11102N	4723N	2426-17302	00000/0000	2-10017/0309	03/23/76	20	5940	37.1	141.3	FGGG		42	27
11102N	3023N	2458-17113	00000/0000	2-10018/0105	04/24/76	0	6386	55.3	112.8	GGGG		38	39
11102N	3018N	2476-17110	00000/0000	2-10018/1010	05/12/76	0	6637	58.3	104.8	GGGG		38	39
11103N	4723N	2606-17253	00000/0000	2-10022/1211	09/19/76	0	8450	37.8	143.5	GGGG		42	27
11103N	4714N	2516-17280	00000/0000	2-10019/1341	06/21/76	50	7195	56.6	125.1	GGGG		42	27
11104N	3024N	2440-17120	00000/0000	2-10017/1049	04/06/76	20	6135	50.6	120.1	FGGG		38	39
11104N	3022N	2534-17081	00000/0000	2-10022/0092	08/28/76	10	8143	51.9	115.9	GGGG		38	39
11105N	4721N	2678-17225	00000/0000	2-10025/0778	11/30/76	80	9454	16.6	153.4	FGGG		42	27
11105N	4719N	2534-17273	00000/0000	2-10020/0657	07/09/76	50	7446	55.1	125.2	GGGG		42	27
11105N	3023N	2710-17033	00000/0000	2-10026/0162	01/01/77	90	9900	26.4	142.7	GGGG		38	39
11105N	3021N	2566-17084	00000/0000	2-10021/0845	08/10/76	10	7892	54.5	107.0	GGGG		38	39
11105N	3016N	2548-17091	00000/0000	2-10021/0147	07/23/76	30	7641	56.5	99.6	GGGG		38	39
11106N	4718N	2660-17234	00000/0000	2-10025/0234	11/12/76	10	9203	20.7	153.3	GGGG		42	27
11106N	3015N	2494-17104	00000/0000	2-10019/0359	05/30/76	0	6888	59.5	98.1	GGGF		38	39
11106N	3015N	2530-17034	00000/0000	2-10020/0234	07/05/76	10	7390	58.1	95.2	GGGG		38	39
11107N	4718N	2372-17320	00000/0000	2-10015/0031	01/29/76	20	5187	18.9	148.5	GGGG		42	27
11107N	4718N	2624-17250	00000/0000	2-10023/0600	10/07/76	0	8701	31.9	148.2	GGGG		42	27
11107N	3021N	2692-17042	00000/0000	2-10025/1267	12/14/76	20	9649	27.4	145.0	FGGG		38	39
11107N	3019N	2728-17025	00000/0000	2-10026/0665	01/19/77	10	151	27.6	139.3	FGFG		38	39
11108N	3017N	2602-17074	00000/0000	2-10022/1038	09/15/76	10	8394	48.5	125.0	GGGG		38	39
11108N	3016N	2422-17124	00000/0000	2-10017/0162	03/19/76	0	5884	44.9	126.3	G		38	39
11109N	4716N	2642-17242	00000/0000	2-10023/1353	10/25/76	50	8952	26.1	151.5	GGGG		42	27
11109N	4712N	2390-17313	00000/0000	2-10015/0989	02/16/76	100	5438	24.0	145.8	GGGG		42	27
11109N	3016N	2674-17050	00000/0000	2-10025/0668	11/26/76	10	9398	30.3	145.4	GGGG		38	39
11110N	4314N	2461-17250	00000/0000	2-10018/0314	04/27/76	30	6428	51.5	130.4	GGGG		41	30
11110N	3013N	2620-17071	00000/0000	2-10023/0370	10/03/76	10	8645	44.2	133.2	GGGG		38	39
11110N	3013N	2638-17063	00000/0000	2-10023/1255	10/21/76	40	8896	39.4	139.6	GGGG		38	39
11111N	3440N	2441-17163	00000/0000	2-10017/1123	04/07/76	0	6149	49.3	125.1	GGGF		39	36
11111N	3013N	2656-17055	00000/0000	2-10025/0112	11/08/76	0	9147	34.5	143.7	GGGG		38	39
11112N	4315N	2443-17253	00000/0000	2-10017/1175	04/09/76	90	6177	45.8	134.5	GGGG		41	30
11112N	3440N	2459-17160	00000/0000	2-10018/0198	04/25/76	40	6400	54.4	118.9	GGGG		39	36
11112N	3009N	2368-17140	00000/0000	2-10015/0116	01/25/76	10	5131	30.0	140.5	FGFG		38	39
11113N	3009N	2499-17332	00000/0000	2-10019/0577	06/04/76	20	6958	55.0	132.2	GGGG		43	25

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0678

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11113N	4314N	2569-17220	00000/0000	2-10021/0941	08/13/76	0	7934	50.4	126.8	GG		41	30
11113N	3435N	2477-17153	2-10018/1461	2-10018/1053	05/13/76	0	6651	57.9	111.9	GG	GGGG	39	36
11113N	3011N	2386-17134	00000/0000	2-10015/0750	02/12/76	40	5382	33.8	136.2	GGGG		38	39
11113N	3008N	2404-17132	00000/0000	2-10016/0658	03/01/76	10	5633	39.1	131.5	GGG	GGGG	38	39
11114N	4313N	2713-17165	00000/0000	2-10026/0247	01/04/77	60	9942	17.3	148.0	GGGG		41	30
11114N	4309N	2479-17243	00000/0000	2-10018/1103	05/15/76	50	6679	55.6	125.5	GGGG		41	30
11114N	3859N	2460-17203	00000/0000	2-10018/0256	04/26/76	60	6414	53.1	124.8	GGFG		40	33
11115N	4310N	2425-17260	00000/0000	2-10017/0396	03/22/76	10	5926	39.3	137.8	FGGG		41	30
11115N	4307N	2551-17223	00000/0000	2-10021/0193	07/26/76	30	7683	54.0	121.3	GGGG		41	30
11115N	3437N	2567-17131	00000/0000	2-10021/0887	08/11/76	10	7906	53.6	113.8	GGGG		39	36
11116N	5002N	2517-17330	00000/0000	2-10019/1385	06/22/76	90	7209	55.4	129.7	GGGG		43	25
11116N	4315N	2587-17213	00000/0000	2-10022/0350	08/31/76	10	8185	46.0	133.2	GGG		41	30
11116N	4313N	2731-17151	00000/0000	2-10026/0758	01/22/77	70	193	19.4	145.0	GGGG		41	30
11116N	4306N	2497-17240	00000/0000	2-10019/0133	06/02/76	10	6930	57.8	120.8	GGGG		41	30
11116N	3433N	2531-17141	00000/0000	2-10020/0760	07/06/76	10	7404	58.2	102.9	GGGG		39	36
11116N	3432N	2495-17151	00000/0000	2-10019/0418	05/31/76	10	6902	59.5	105.7	GGGG		39	36
11117N	5006N	2535-17323	00000/0000	2-10020/0614	07/10/76	10	7460	53.8	129.7	GGGG		43	25
11117N	5006N	2661-17283	00000/0000	2-10025/0253	11/13/76	10	9217	18.2	154.8	G GG		43	25
11117N	4312N	2695-17174	00000/0000	2-10025/1347	12/17/76	0	9691	17.6	150.4	GGG		41	30
11117N	4309N	2605-17210	00000/0000	2-10022/1187	09/18/76	70	8436	40.9	139.5	GGGG		41	30
11117N	4305N	2533-17230	00000/0000	2-10020/0633	07/08/76	10	7432	56.6	118.1	GGGG		41	30
11117N	3851N	2478-17200	2-10018/1472	2-10018/1064	05/14/76	0	6665	57.0	118.8	GGG	GGGG	40	33
11117N	3439N	2585-17124	00000/0000	2-10022/0260	08/29/76	10	8157	50.3	122.1	GGGG		39	36
11118N	4301N	2515-17234	00000/0000	2-10019/1302	06/20/76	10	7181	58.0	117.8	GGGG		41	30
11118N	3858N	2442-17210	00000/0000	2-10017/1157	04/08/76	50	6163	47.7	129.9	GGG		40	33
11118N	3858N	2712-17123	00000/0000	2-10026/0236	01/03/77	90	9928	20.4	146.3	GGGG		40	33
11118N	3437N	2693-17085	00000/0000	2-10025/1295	12/15/76	0	9663	24.2	146.9	GGGF		39	36
11118N	3437N	2729-17072	00000/0000	2-10026/0676	01/20/77	40	165	24.9	141.2	GGGG		39	36
11118N	3436N	2603-17121	00000/0000	2-10022/1065	09/16/76	20	8408	46.2	130.3	GGGG		39	36
11118N	3433N	2675-17093	00000/0000	2-10025/0201	11/27/76	50	9412	27.0	147.6	GGGG		39	36
11118N	3427N	2513-17144	00000/0000	2-10019/1227	06/18/76	0	7153	59.4	102.3	GGGG		39	36
11119N	5005N	2643-17291	00000/0000	2-10023/1394	10/26/76	60	8966	23.6	153.3	FGGG		43	25
11119N	3858N	2586-17170	00000/0000	2-10022/0317	08/30/76	10	8171	48.3	127.8	GGGG		40	33
11119N	3855N	2568-17173	00000/0000	2-10021/0930	08/12/76	0	7920	52.2	120.5	GG		40	33
11120N	5004N	2373-17365	00000/0000	2-10015/0269	01/30/76	0	5201	17.1	149.8	FFGF		43	25

KEYS: CLOUD COVER & ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=IR4 GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR HIS  
FROM 01/22/76 TO 01/22/77

PAGE 0679

PRINCIPAL OF IMAGE LONG	PRINT LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBLI MSS	DATE ACQUIRED	CLOUD COVER %	SUN NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11120w	4358N	2677-1718P	00000/0000	2-10025/0757	11/29/76	40	9440	20.1	151.6	GGGG			41	30
11120w	3848N	2496-1719P	00000/0000	2-10019/0446	06/01/76	10	6916	58.9	113.3	GGFG			40	33
11120w	3435N	2405-1717P	00000/0000	2-10016/0681	03/02/76	20	5647	37.0	134.7	GGG	GGFG		39	36
11120w	3428N	2369-1718P	00000/0000	2-10015/0219	01/26/76	0	5145	27.3	142.6	GGGG			39	36
11121w	5000N	2391-1736P	00000/0000	2-10015/1017	02/17/76	40	5452	22.3	147.4	GGGG			43	25
11121w	3852N	2424-1721P	00000/0000	2-10017/0371	03/21/76	0	5912	41.4	134.1	GGGG			40	33
11121w	3850N	2550-1713P	00000/0000	2-10021/0128	07/25/76	40	7669	55.4	114.3	GGGG			40	33
11121w	3847N	2514-1719P	00000/0000	2-10019/1291	06/19/76	10	7167	59.0	110.2	GGGG			40	33
11122w	4304N	2659-1719P	00000/0000	2-10025/0181	11/11/76	0	9189	24.3	151.1	GGFG			41	30
11122w	4301N	2623-1720P	00000/0000	2-10023/0536	10/06/76	30	8687	35.3	144.8	GGGG			41	30
11122w	3855N	2730-1711P	00000/0000	2-10026/0687	01/21/77	30	179	22.2	143.1	GGGG			40	33
11122w	3851N	2676-1714P	00000/0000	2-10025/0726	11/28/76	0	9426	23.5	149.6	GGG			40	33
11122w	3848N	2632-1718P	00000/0000	2-10020/0594	07/07/76	30	7418	57.6	110.6	GGGG			40	33
11122w	3429N	2639-1711P	00000/0000	2-10023/1267	10/22/76	70	8910	36.3	143.0	FFFF			39	36
11122w	3427N	2387-1718P	00000/0000	2-10015/0911	02/13/76	40	5396	31.5	138.7	GGGG			39	36
11123w	4301N	2641-1719P	00000/0000	2-10023/1312	10/24/76	20	8938	29.6	148.9	GGGG			41	30
11123w	3853N	2694-1713P	00000/0000	2-10025/1306	12/16/76	10	9677	20.9	148.6	GGGG			40	33
11123w	3852N	2406-1722P	00000/0000	2-10016/0715	03/03/76	50	5661	34.8	137.8	GGG	GGFG		40	33
11123w	3851N	2604-1716P	00000/0000	2-10027/1134	09/17/76	10	8422	43.7	135.0	GGGG			40	33
11123w	3431N	2621-1711P	00000/0000	2-10023/0441	10/04/76	10	8659	41.5	137.5	GGFG			39	36
11123w	3430N	2657-1710P	00000/0000	2-10025/0125	11/05/76	0	9161	31.2	146.4	GGGG			39	36
11124w	4258N	2389-1727P	00000/0000	2-10015/0936	02/15/76	90	5424	26.6	143.5	FGGG			41	30
11126w	3849N	2622-1716P	00000/0000	2-10023/0479	10/05/76	0	8673	38.5	141.3	GGGG			40	33
11126w	3842N	2370-1723P	00000/0000	2-10015/0814	01/27/76	0	5159	24.6	144.6	GGGG			40	33
11127w	4259N	2407-1726P	00000/0000	2-10014/0756	03/04/76	10	5675	32.6	140.6	GGGG			41	30
11127w	3846N	2640-1715P	00000/0000	2-10023/1373	10/23/76	10	8924	33.0	146.0	GGGG			40	33
11127w	3846N	2658-1714P	00000/0000	2-10025/0150	11/10/76	80	9175	27.8	148.8	GGGG			40	33
11127w	3843N	2388-1722P	00000/0000	2-10015/0774	02/14/76	70	5410	29.1	141.1	GGGG			40	33
11132w	4559N	2420-1729P	00000/0000	2-10018/1127	05/16/76	10	6693	54.6	129.6	GGGG			42	28
11133w	4605N	2444-1730P	00000/0000	2-10017/1214	04/10/76	10	6191	44.6	137.4	GGGG			42	28
11133w	4604N	2462-1729P	00000/0000	2-10015/0401	04/28/76	80	6442	50.3	133.9	GGGG			42	28
11135w	4604N	2588-1726P	00000/0000	2-10027/0461	09/01/76	0	8199	44.1	136.6	GGGG			42	28
11135w	4604N	2714-1721P	00000/0000	2-10025/0269	01/05/77	10	9956	15.3	149.1	GGGG			42	28
11135w	4557N	2552-1727P	00000/0000	2-10021/0248	07/27/76	10	7697	52.8	125.8	GGGG			42	28
11136w	4603N	2570-1726P	00000/0000	2-10021/1007	08/14/76	40	7948	48.9	130.8	GGGG			42	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD; NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MADE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0680

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11136N	4556N	2498-17285	00000/0000	2-10019/0536	06/03/76	10	6944	56.8	125.4	GGGG		42	28
11137N	4603N	2696-17223	00000/0000	2-10025/1358	12/18/76	40	9705	15.4	151.5	GGGG		42	28
11137N	4558N	2426-17305	00000/0000	2-10017/0310	03/23/76	60	5940	38.0	140.1	GGGG		42	28
11138N	4559N	2606-17255	00000/0000	2-10022/1212	09/19/76	50	8450	38.8	142.3	GGFG		42	28
11138N	4550N	2516-17283	00000/0000	2-10019/1342	06/21/76	40	7195	57.1	122.7	GGGG		42	28
11138N	3314N	2441-17170	00000/0000	2-10017/1124	04/07/76	0	6149	49.9	123.3	GGGF		39	37
11138N	3314N	2459-17163	00000/0000	2-10018/0139	04/25/76	20	6400	54.8	116.7	GGFG		39	37
11139N	3309N	2477-17160	2-10018/1462	2-10018/1054	05/13/76	0	6651	58.1	109.4	GGG GGGG		39	37
11140N	4556N	2678-17232	00000/0000	2-10025/0779	11/30/76	80	9454	17.7	152.8	GGGG		42	28
11140N	4554N	2534-17230	00000/0000	2-10020/0658	07/09/76	20	7446	55.6	122.9	GGGG		42	28
11140N	3310N	2567-17133	00000/0000	2-10021/0888	08/11/76	10	7906	53.9	111.7	GGGG		39	37
11141N	4553N	2372-17322	00000/0000	2-10015/0032	01/29/76	10	5187	19.9	147.8	GGGG		42	28
11141N	4553N	2660-17240	00000/0000	2-10025/0235	11/12/76	10	9203	21.8	152.6	GGGG		42	28
11141N	4148N	2461-17252	00000/0000	2-10018/0315	04/27/76	50	6428	52.2	128.5	GGGG		41	31
11141N	3308N	2531-17143	00000/0000	2-10020/0761	07/06/76	10	7404	58.2	100.4	GGGG		39	37
11142N	4554N	2624-17252	00000/0000	2-10023/0601	10/07/76	0	8701	33.0	147.2	GGGG		42	28
11142N	3307N	2495-17153	00000/0000	2-10019/0419	05/31/76	0	6902	59.6	103.1	GGFG		39	37
11143N	4551N	2642-17244	00000/0000	2-10023/1354	10/25/76	90	8952	27.1	150.7	GGGG		42	28
11143N	4149N	2443-17255	00000/0000	2-10017/1176	04/09/76	70	6177	46.6	132.9	GGGG		41	31
11143N	3733N	2460-17205	00000/0000	2-10018/0257	04/26/76	30	6414	53.7	122.8	GGFG		40	34
11143N	3312N	2585-17130	00000/0000	2-10022/0261	08/29/76	10	8157	50.8	120.2	GGGG		39	37
11143N	3311N	2729-17075	00000/0000	2-10026/0677	01/20/77	30	165	25.8	140.5	GGGG		39	37
11143N	3301N	2513-17151	00000/0000	2-10019/1228	06/18/76	0	7153	59.4	99.6	GGGG		39	37
11144N	4547N	2390-17320	00000/0000	2-10015/0990	02/16/76	100	5438	25.0	145.0	GGGG		42	28
11144N	3310N	2693-17091	00000/0000	2-10025/1296	12/15/76	0	9663	25.2	146.2	GGGG		39	37
11144N	3308N	2423-17173	00000/0000	2-10017/0275	03/20/76	0	5898	43.9	128.9	GGGG		39	37
11144N	3307N	2675-17100	00000/0000	2-10025/0202	11/27/76	70	9412	28.0	146.9	GGGG		39	37
11145N	4856N	2463-17344	00000/0000	2-10018/0323	04/29/76	40	6456	49.1	137.4	GGGG		43	26
11145N	4149N	2569-17223	00000/0000	2-10021/0942	08/13/76	0	7934	51.0	124.9	GGGG		41	31
11145N	4148N	2713-17172	00000/0000	2-10024/0248	01/04/77	70	9942	18.4	147.4	GGGG		41	31
11145N	4144N	2479-17245	00000/0000	2-10018/1104	05/15/76	30	6679	56.2	123.2	GGGG		41	31
11145N	3725N	2478-17203	2-10018/1473	2-10018/1065	05/14/76	0	6665	57.4	116.4	GGG GGGG		40	34
11145N	3310N	2603-17123	00000/0000	2-10022/1066	09/16/76	10	8408	46.9	128.7	GGGG		39	37
11146N	4142N	2551-17230	00000/0000	2-10021/0194	07/26/76	10	7683	54.4	119.1	GGGG		41	31
11146N	3732N	2442-17212	00000/0000	2-10017/1158	04/08/76	40	6163	48.4	128.2	GGGG		40	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FR94 01/22/76 TO 01/22/77

PAGE 0681

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11146W	3732N	2712-17125	00000/0000	2-10026/0237	01/03/77	90	9928	21.4	145.7			40	34
11146W	3309N	2405-17181	00000/0000	2-10016/0682	03/02/76	10	5647	37.8	133.6	GGG		39	37
11146W	3302N	2369-17190	00000/0000	2-10015/0220	01/26/76	0	5145	28.3	141.8	GGGG		39	37
11147W	4857N	2445-17351	00000/0000	2-10017/1050	04/11/76	10	6205	43.2	140.3	FGGG		43	26
11147W	4149N	2547-17220	00000/0000	2-10022/0351	08/31/76	10	8185	46.7	131.5	GGGG		41	31
11147W	4145N	2425-17262	00000/0000	2-10017/0397	03/22/76	0	5926	40.1	136.5	GGGG		41	31
11147W	4141N	2497-17243	00000/0000	2-10019/0134	06/02/76	20	6930	58.2	118.3	GGGG		41	31
11147W	3732N	2546-17173	00000/0000	2-10022/0318	08/30/76	10	8171	48.9	126.1	GGGG		40	34
11147W	3729N	2568-17180	00000/0000	2-10021/0931	08/12/76	0	7920	52.7	118.5	GGG		40	34
11147W	3304N	2639-17112	00000/0000	2-10023/1268	10/22/76	60	8910	37.3	142.0	FFF		39	37
11148W	4147N	2695-17180	00000/0000	2-10025/1348	12/17/76	10	9691	18.7	149.8	GGGG		41	31
11148W	4147N	2731-17164	00000/0000	2-10026/0759	01/22/77	100	193	20.4	144.3	GGGG		41	31
11148W	4144N	2605-17213	00000/0000	2-10022/1188	09/18/76	20	8436	41.7	138.1	GGGG		41	31
11148W	4140N	2533-17233	00000/0000	2-10020/0634	07/08/76	10	7432	57.0	115.7	GGGG		41	31
11148W	3722N	2496-17200	00000/0000	2-10019/0447	06/01/76	0	6916	59.1	110.7	GGGF		40	34
11148W	3302N	2357-17154	00000/0000	2-10015/0912	02/13/76	60	5396	32.4	137.8	GGGG		39	37
11149W	4856N	2559-17312	00000/0000	2-10022/0388	09/02/76	40	8213	42.2	139.9	GGGG		43	26
11149W	4848N	2431-17341	00000/0000	2-10018/1185	05/17/76	50	6707	53.4	133.6	GGGG		43	26
11149W	4136N	2515-17240	00000/0000	2-10019/1303	06/20/76	10	7181	58.4	115.3	GGGG		41	31
11149W	3726N	2424-17220	00000/0000	2-10017/0372	03/21/76	0	5912	42.1	132.7	FGGG		40	34
11149W	3725N	2550-17183	00000/0000	2-10021/0129	07/25/76	30	7669	55.6	112.0	GGGG		40	34
11149W	3721N	2514-17133	00000/0000	2-10019/1292	06/19/76	10	7167	59.1	107.6	GGGG		40	34
11149W	3305N	2657-17104	00000/0000	2-10025/0126	11/09/76	0	9161	32.3	145.5	GGGG		39	37
11149W	3304N	2621-17120	00000/0000	2-10023/0442	10/04/76	10	8659	42.3	136.2	FGGG		39	37
11150W	4855N	2571-17315	00000/0000	2-10021/1022	08/15/76	80	7962	47.2	134.7	GGGG		43	26
11150W	4848N	2553-17322	00000/0000	2-10021/0275	07/28/76	10	7711	51.4	130.1	GGGG		43	26
11150W	4142N	2677-17185	00000/0000	2-10025/0758	11/29/76	10	9440	21.2	150.9	GGGG		41	31
11150W	3729N	2730-17121	00000/0000	2-10026/0688	01/21/77	70	179	23.1	142.4	GGGG		40	34
11150W	3727N	2406-17223	00000/0000	2-10016/0716	03/03/76	90	5661	35.7	136.7	GGG GFFG		40	34
11150W	3726N	2676-17142	00000/0000	2-10025/0727	11/28/76	10	9426	24.6	149.0	GGG		40	34
11150W	3723N	2532-17190	00000/0000	2-10020/0595	07/07/76	20	7418	57.8	108.1	GGGG		40	34
11151W	4854N	2715-17264	00000/0000	2-10026/0280	01/06/77	100	9970	13.3	150.2	GGGG		43	26
11151W	3727N	2694-17134	00000/0000	2-10025/1307	12/16/76	0	9677	22.0	148.0	FGGG		40	34
11151W	3726N	2604-17170	00000/0000	2-10027/1135	09/17/76	10	8422	44.5	133.6	GGGG		40	34
11152W	4852N	2697-17272	00000/0000	2-10025/1397	12/19/76	10	9719	13.1	152.6	FFFF		43	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0682

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11152W	4849N	2427-17355	00000/0000	2-10017/0450	03/24/76	100	5954	36.5	142.5	GGGG		43	26
11152W	4847N	2607-17325	00000/0000	2-10022/1244	09/20/76	0	8464	36.6	145.0	GGGG		43	26
11152W	4844N	2499-17335	00000/0000	2-10019/0578	06/04/76	40	6958	55.7	129.9	GGGG		43	26
11153W	4838N	2517-17332	00000/0000	2-10019/1386	06/22/76	80	7209	56.0	127.4	GGGG		43	26
11153W	4138N	2659-17197	00000/0000	2-10025/0182	11/11/76	0	9189	25.4	150.4	GGFG		41	31
11153W	4136N	2623-17205	00000/0000	2-10023/0537	10/06/76	10	8687	36.3	143.8	GGGG		41	31
11154W	4845N	2679-17241	00000/0000	2-10025/0816	12/01/76	10	9468	15.3	154.0	GGFG		43	26
11154W	4841N	2661-17285	00000/0000	2-10025/0254	11/13/76	10	9217	19.3	154.1	GGGG		43	26
11154W	4136N	2641-17232	00000/0000	2-10023/1313	10/24/76	10	8938	30.6	148.0	GGGG		41	31
11154W	3716N	2370-17233	00000/0000	2-10015/0815	01/27/76	0	5159	25.6	143.8	GGGG		40	34
11155W	4842N	2535-17325	00000/0000	2-10020/0615	07/10/76	10	7460	54.4	127.5	GGGG		43	26
11155W	4840N	2409-17362	00000/0000	2-10016/0824	03/06/76	10	5703	29.7	144.4	GGGF		43	26
11155W	4133N	2349-17273	00000/0000	2-10015/0937	02/15/76	90	5424	27.5	142.7	GGGG		41	31
11155W	3720N	2640-17155	00000/0000	2-10023/1374	10/23/76	10	8924	34.0	145.1	GGGG		40	34
11155W	3720N	2658-17151	00000/0000	2-10025/0151	11/10/76	30	9175	28.9	148.0	GGGG		40	34
11156W	3717N	2388-17230	00000/0000	2-10015/0775	02/14/76	90	5410	30.0	140.3	GGGG		40	34
11157W	4134N	2407-17270	00000/0000	2-10016/0757	03/04/76	10	5675	33.5	139.6	GGGG		41	31
11158W	4844N	2625-17301	00000/0000	2-10023/0574	10/08/76	0	8715	30.6	149.4	GGGG		43	26
11158W	4841N	2643-17293	00000/0000	2-10023/1395	10/26/76	20	8966	24.6	152.5	FGGG		43	26
11158W	4839N	2373-17372	00000/0000	2-10015/0270	01/30/76	10	5201	18.1	149.1	FGGF		43	26
11159W	4835N	2391-17365	00000/0000	2-10015/1018	02/17/76	50	5452	23.3	146.5	GGGG		43	26
11204W	3148N	2459-17165	00000/0000	2-10018/0200	04/25/76	10	6400	55.2	114.5	GGGG		39	38
11204W	3147N	2441-17172	00000/0000	2-10017/1125	04/07/76	10	6149	50.4	121.5	GGFG		39	38
11205W	3144N	2567-17140	00000/0000	2-10021/0889	08/11/76	0	7906	54.2	109.5	GGGG		39	38
11205W	3143N	2477-17152	2-10018/1463	2-10018/1055	05/13/76	0	6651	58.3	106.9	GGGG	GG	39	38
11206W	4434N	2480-17295	00000/0000	2-10018/1128	05/16/76	0	6693	55.2	127.4	GGGG		42	29
11206W	3142N	2531-17150	00000/0000	2-10020/0762	07/06/76	0	7404	58.1	97.9	GGGG		39	38
11207W	4439N	2444-17304	00000/0000	2-10017/1215	04/10/76	10	6191	45.4	135.8	GGGG		42	29
11207W	4439N	2462-17301	00000/0000	2-10018/0402	04/28/76	80	6442	51.1	132.0	GGGG		42	29
11207W	3140N	2495-17160	00000/0000	2-10019/0420	05/31/76	0	6902	59.6	100.4	GGGG		39	38
11208W	3146N	2585-17133	00000/0000	2-10022/0262	08/29/76	10	8157	51.3	118.3	GGGG		39	38
11208W	3136N	2513-17153	00000/0000	2-10019/1229	06/18/76	0	7153	59.3	97.0	GGGF		39	38
11209W	4439N	2588-17265	00000/0000	2-10022/0462	09/01/76	0	8199	44.9	135.1	GGGG		42	29
11209W	4439N	2714-17221	00000/0000	2-10026/0270	01/05/77	0	9956	16.3	148.5	GGGG		42	29
11209W	4438N	2570-17272	00000/0000	2-10021/1008	08/14/76	30	7948	49.6	128.9	GGGG		42	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODF..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 25, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0683

PRINCIPAL POINT 9F IMAGE LONG LAT	PRESERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11209N	4432N	2552-17275	00000/0000	2-10021/0249	07/27/76	20	7697	53.3	123.7	GGGG		42	29
11209N	4431N	2498-17292	00000/0000	2-10019/0537	06/03/76	20	6944	57.4	123.0	GGGG		42	29
11209N	3145N	2729-17081	00000/0000	2-10026/0678	01/20/77	60	165	26.8	139.8	GGGG		39	38
11209N	3144N	2693-17094	00000/0000	2-10025/1297	12/15/76	10	9663	26.3	145.5	GGGG		39	38
11209N	3142N	2423-17180	00000/0000	2-10017/0276	03/20/76	0	5898	44.6	127.4	GGGG		39	38
11209N	3141N	2675-17102	00000/0000	2-10025/0203	11/27/76	70	9412	29.1	146.2	GGGG		42	29
11209N	4433N	2426-17312	00000/0000	2-10017/0311	03/23/76	20	5940	38.8	138.8	GGGG		40	35
11210N	3608N	2450-17212	00000/0000	2-10018/0258	04/26/76	0	6414	54.2	120.7	GGGG		39	38
11210N	3145N	2603-17130	00000/0000	2-10022/1067	09/16/76	10	8408	47.6	127.2	GGGG		42	29
11211N	4438N	2636-17230	00000/0000	2-10025/1359	12/18/76	20	9705	16.4	150.9	GGGG		42	29
11211N	4434N	2606-17262	00000/0000	2-10022/1213	09/19/76	80	8450	39.7	141.0	GGGG		41	32
11211N	4022N	2461-17255	00000/0000	2-10018/0316	04/27/76	20	6428	52.8	126.5	GGGG		39	38
11211N	3143N	2405-17143	00000/0000	2-10016/0683	03/02/76	10	5647	38.6	132.5	GG	GGGG	39	38
11211N	3138N	2639-17115	00000/0000	2-10023/1269	10/22/76	60	8910	38.2	141.0	FFF		39	38
11211N	3136N	2369-17192	00000/0000	2-10015/0221	01/26/76	0	5145	29.2	141.0	GGFG		39	38
11212N	4425N	2516-17285	00000/0000	2-10018/1343	06/21/76	20	7195	57.6	120.2	GGGG		42	29
11212N	3559N	2478-17205	2-10018/1474	2-10018/1066	05/14/76	0	6665	57.7	113.9	GGG	GGGG	40	35
11212N	4430N	2678-17234	00000/0000	2-10025/0780	11/30/76	40	9454	18.8	152.2	GGGG		42	29
11213N	4429N	2534-17232	00000/0000	2-10020/0659	07/09/76	10	7446	56.1	120.5	GGGG		41	32
11213N	4025N	2443-17262	00000/0000	2-10017/1177	04/09/76	40	6177	47.3	131.3	GGGG		40	35
11213N	3606N	2442-17215	00000/0000	2-10017/1159	04/08/76	30	6163	49.0	126.5	GGGG		39	38
11213N	3136N	2387-17190	00000/0000	2-10015/0913	02/13/76	50	5396	33.2	136.9	GGGG		42	29
11214N	4428N	2660-17243	00000/0000	2-10025/0236	11/12/76	10	9203	22.9	151.9	FFFG		40	35
11214N	3606N	2586-17175	00000/0000	2-10022/0319	08/30/76	10	8171	49.5	124.4	GGGF		40	35
11214N	3606N	2712-17132	00000/0000	2-10026/0238	01/03/77	80	9928	22.4	145.1	GGGG		40	35
11214N	3603N	2568-17182	00000/0000	2-10021/0932	08/12/76	10	7920	53.1	116.4	GGGG		39	38
11214N	3139N	2657-17111	00000/0000	2-10025/0127	11/09/76	0	9161	33.3	144.7	GGGG		39	38
11214N	3138N	2621-17122	00000/0000	2-10023/0443	10/04/76	0	8659	43.2	135.0	GGGF		42	29
11215N	4427N	2372-17325	00000/0000	2-10015/0033	01/29/76	20	5187	20.9	147.1	GGGG		41	32
11215N	4023N	2569-17225	00000/0000	2-10021/0943	08/13/76	0	7934	51.5	122.9	GGGG		41	32
11215N	4019N	2479-17252	00000/0000	2-10018/1105	05/15/76	30	6679	56.7	120.9	GGGG		40	35
11215N	3556N	2496-17202	00000/0000	2-10019/0448	06/01/76	0	6916	59.3	108.1	GGGG		42	29
11216N	4429N	2624-17255	00000/0000	2-10023/0602	10/07/76	10	8701	34.0	146.1	GGGG		41	32
11216N	4025N	2713-17174	00000/0000	2-10026/0249	01/04/77	70	9942	19.4	146.8	GGGG		41	32
11216N	4020N	2425-17265	00000/0000	2-10017/0398	03/22/76	10	5926	40.9	135.2	GGGG		41	32

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0684

FBR IIS

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSF	DATE ACQUIRED	CLUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MDF	MSS IMAGE GAIN	SRRIT PATH NUM.	FRAME RBN NUM.
11216N	4017N	2551-17232	00000/0000	2-10021/0195	07/26/76	10	7683	54.8	116.9	GGGG		41	32
11216N	3558N	2550-17190	00000/0000	2-10021/0130	07/25/76	30	7669	55.9	109.6	GGGG		40	35
11216N	3555N	2514-17200	00000/0000	2-10019/1293	06/19/76	10	7167	59.3	104.9	GGGG		40	35
11217N	4426N	2642-17251	00000/0000	2-10023/1355	10/25/76	90	8952	28.2	149.9	GGGG		42	29
11217N	4023N	2587-17222	00000/0000	2-10022/0352	08/31/76	10	8185	47.4	129.9	GGGG		41	32
11217N	4019N	2635-17215	00000/0000	2-10022/1189	09/18/76	20	8436	42.6	136.8	GGGG		41	32
11217N	4016N	2497-17245	00000/0000	2-10019/0135	06/02/76	20	6930	58.6	115.7	GGGG		41	32
11217N	4015N	2533-17235	00000/0000	2-10020/0635	07/08/76	0	7432	57.3	113.2	GGGG		41	32
11217N	3601N	2424-17222	00000/0000	2-10017/0373	03/21/76	0	5912	42.9	131.4	FGGG		40	35
11217N	3557N	2532-17193	00000/0000	2-10020/0596	07/07/76	20	7418	58.0	105.5	GGGG		40	35
11218N	4422N	2390-17322	00000/0000	2-10015/0991	02/16/76	100	5438	25.9	144.2	GGGG		42	29
11218N	4022N	2695-17183	00000/0000	2-10025/1349	12/17/76	10	9691	19.7	149.2	FFGG		41	32
11218N	4022N	2731-17170	00000/0000	2-10026/0760	01/22/77	100	193	21.4	143.6	GGGG		41	32
11218N	4011N	2515-17243	00000/0000	2-10019/1304	06/20/76	20	7181	58.7	112.7	GGGG		41	32
11218N	3604N	2730-17124	00000/0000	2-10026/0689	01/21/77	90	179	24.1	141.7	GGGG		40	35
11218N	3602N	2406-17230	00000/0000	2-10016/0717	03/03/76	90	5661	36.5	135.6	GGG GFFG		40	35
11218N	3602N	2694-17140	00000/0000	2-10025/1308	12/16/76	0	9677	23.1	147.4	FFGG		40	35
11218N	3601N	2676-17145	00000/0000	2-10025/0728	11/28/76	10	9426	25.7	148.3	GG		40	35
11219N	3600N	2604-17172	00000/0000	2-10022/1156	09/17/76	0	8422	45.3	132.2	GGGG		40	35
11220N	4016N	2677-17191	00000/0000	2-10025/0759	11/29/76	20	9440	22.3	150.3	GGGG		41	32
11222N	4731N	2463-17351	00000/0000	2-10018/0324	04/29/76	30	6456	49.9	135.6	GGGG		43	27
11222N	3557N	2622-17165	00000/0000	2-10023/0480	10/05/76	0	8673	40.3	139.0	GGGG		40	35
11222N	3555N	2640-17161	00000/0000	2-10023/1375	10/23/76	20	8924	35.0	144.2	GGGG		40	35
11222N	3555N	2658-17153	00000/0000	2-10025/0152	11/10/76	10	9175	29.9	147.3	GGGG		40	35
11223N	4732N	2445-17354	00000/0000	2-10017/1051	04/11/76	10	6205	44.1	135.8	GGGG		43	27
11223N	4013N	2659-17200	00000/0000	2-10025/0183	11/11/76	0	9189	26.4	149.7	GGGG		41	32
11223N	4011N	2623-17212	00000/0000	2-10023/0538	10/06/76	10	8687	37.2	142.7	GGGG		41	32
11223N	4008N	2371-17252	00000/0000	2-10015/0256	01/28/76	0	5173	23.8	145.1	FGGG		41	32
11224N	4011N	2641-17204	00000/0000	2-10023/1314	10/24/76	10	8938	31.7	147.1	GGGG		41	32
11225N	4007N	2389-17240	00000/0000	2-10015/0938	02/15/76	100	5424	28.4	141.8	GGGG		41	32
11226N	4731N	2589-17314	00000/0000	2-10022/0389	09/02/76	20	8213	43.0	138.4	GGGG		43	27
11226N	4730N	2571-17321	00000/0000	2-10021/1023	08/15/76	90	7962	47.9	132.9	GGGG		43	27
11226N	4723N	2481-17344	00000/0000	2-10018/1186	05/17/76	20	6707	54.1	131.5	GGGG		43	27
11226N	4723N	2553-17324	00000/0000	2-10021/0276	07/28/76	0	7711	52.0	128.1	GGGG		43	27
11227N	4009N	2467-17273	00000/0000	2-10014/0758	03/04/76	10	5675	34.4	138.5	GGGG		41	32

KEYS: C-CLUD COVER % ..... 0 TO 100 % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

 LANDSAT-2  
 COORDINATE LISTING  
 FBR 115

PAGE 0685

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11228	4727N	2697-17275	00000/0000	2-10025/1398	12/19/76	10	9719	14.2	152.0	GGGG		43	27
11228	4724N	2427-17361	00000/0000	2-10017/0451	03/24/76	100	5954	37.4	141.2	GGGG		43	27
11229	4722N	2607-17311	00000/0000	2-10022/1245	09/20/76	0	8464	37.5	143.8	FFGG		43	27
11229	4720N	2499-17341	00000/0000	2-10019/0579	06/04/76	40	6958	56.3	127.6	GGGG		43	27
11229	3021N	2441-17175	00000/0000	2-10017/1126	04/07/76	10	6149	50.9	119.7	GGGG		39	39
11229	3021N	2459-17172	00000/0000	2-10018/0201	04/25/76	10	6400	55.5	112.3	GGGG		39	39
11230	4713N	2517-17335	00000/0000	2-10019/1387	06/22/76	90	7209	56.5	125.0	GGGG		43	27
11230	3020N	2567-17142	00000/0000	2-10021/0890	08/11/76	0	7906	54.4	107.4	GGGG		39	39
11230	3017N	2477-17165	2-10018/1464	2-10018/1056	05/13/76	0	6651	58.5	104.4	GGG FGFG		39	39
11231	4720N	2679-17283	00000/0000	2-10025/0817	12/01/76	10	9468	16.4	153.4	GGGG		43	27
11231	4717N	2661-17292	00000/0000	2-10025/0255	11/13/76	0	9217	20.4	153.4	GGGG		43	27
11231	3017N	2531-17152	00000/0000	2-10020/0763	07/06/76	0	7404	58.0	95.4	GGGG		39	39
11232	4717N	2535-17332	00000/0000	2-10020/0616	07/10/76	40	7460	55.0	125.2	GGGG		43	27
11232	4716N	2409-17365	00000/0000	2-10016/0825	03/06/76	20	5703	30.6	143.4	FGGG		43	27
11232	3020N	2585-17135	00000/0000	2-10022/0263	08/29/76	20	8157	51.7	116.4	GGGG		39	39
11232	3014N	2495-17162	00000/0000	2-10019/0421	05/31/76	0	6902	59.5	97.8	GGGG		39	39
11233	3019N	2729-17084	00000/0000	2-10026/0679	01/20/77	70	165	27.7	139.0	GGGG		39	39
11233	3010N	2513-17160	00000/0000	2-10019/1230	06/18/76	0	7153	59.2	94.4	GGGG		39	39
11234	4716N	2643-17300	00000/0000	3-10023/1396	10/26/76	60	8966	25.7	151.7	GGGG		43	27
11234	4714N	2373-17374	00000/0000	2-10015/0271	01/30/76	30	5201	19.2	148.3	FGGF		43	27
11234	3019N	2603-17132	00000/0000	2-10022/1068	09/16/76	10	8408	48.2	125.6	GGGF		39	39
11234	3019N	2693-17100	00000/0000	2-10025/1298	12/15/76	0	9663	27.3	144.9	FGGG		39	39
11234	3016N	2423-17182	00000/0000	2-10017/0277	03/20/76	0	5898	45.3	126.0	FFGG		39	39
11234	3016N	2675-17105	00000/0000	2-10025/0204	11/27/76	90	9412	30.1	145.4	GGGG		39	39
11235	4719N	2625-17304	00000/0000	2-10023/0575	10/08/76	0	8715	31.6	148.4	GGGG		43	27
11236	4711N	2391-17372	00000/0000	2-10015/1019	02/17/76	80	5452	24.3	145.7	FGGG		43	27
11236	3442N	2460-17214	00000/0000	2-10018/0259	04/26/76	0	6414	54.6	118.5	GGGG		40	36
11236	3017N	2405-17190	00000/0000	2-10016/0634	03/02/76	10	5647	39.4	131.3	GGGG		39	39
11236	3011N	2369-17175	00000/0000	2-10015/0222	01/26/76	0	5145	30.2	140.3	FGFF		39	39
11236	3011N	2639-17121	00000/0000	2-10023/1270	10/22/76	50	8910	39.1	139.9	FFFF		39	39
11238	4309N	2450-17301	00000/0000	2-10018/1129	05/16/76	0	6693	55.8	125.2	GGGG		42	30
11238	3013N	2621-17125	00000/0000	2-10023/0444	10/04/76	10	8659	44.0	133.6	GGFP		39	39
11238	3010N	2387-17192	00000/0000	2-10015/0914	02/13/76	30	5396	34.1	136.0	GGGG		39	39
11239	4314N	2444-17311	00000/0000	2-10017/1216	04/10/76	0	6191	46.2	134.3	GGGG		42	30
11239	4313N	2452-17304	00000/0000	2-10018/0403	04/28/76	70	6442	51.8	130.1	GGGG		42	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0686

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11239	3434N	2478-17212	P-10018/1475	2-10018/1067	05/14/76	0	6665	58.0	111.5	GGG	GGGG			40	36
11239	3014N	2657-17113	00000/0000	2-10025/0128	11/09/76	0	9161	34.3	143.8		GFGG			39	39
11240	3858N	2461-17261	00000/0000	2-10018/0317	04/27/76	10	6428	53.4	124.5		GGGG			41	33
11240	3440N	2442-17221	00000/0000	2-10017/1160	04/08/76	20	6163	49.6	124.8		GGGG			40	36
11241	5008N	2500-17391	00000/0000	2-10019/0658	06/05/76	40	6972	55.1	132.0		GGGG			44	25
11241	4313N	2570-17274	00000/0000	2-10021/1009	08/14/76	10	7948	50.2	127.1		GGGG			42	30
11241	4313N	2714-17224	00000/0000	2-10026/0271	01/05/77	10	9956	17.4	147.9		GGGF			42	30
11241	4306N	2552-17282	00000/0000	2-10021/0250	07/27/76	10	7697	53.8	121.5		GGGG			42	30
11241	3440N	2712-17134	00000/0000	2-10024/0239	01/03/77	90	9928	23.4	144.4		GGGG			40	36
11241	3427N	2568-17185	00000/0000	2-10021/0933	08/12/76	10	7920	53.4	114.3		GGGG			40	36
11242	5009N	2536-17341	00000/0000	2-10020/0683	07/11/76	50	7474	53.6	129.9		PFGG			44	25
11242	5004N	2518-17344	00000/0000	2-10019/1398	06/23/76	90	7223	55.3	129.7		GGGG			44	25
11242	4314N	2568-17271	00000/0000	2-10022/0463	09/01/76	0	8199	45.7	133.5		GGGG			42	30
11242	4308N	2426-17314	00000/0000	2-10017/0312	03/23/76	80	5940	39.7	137.6		GGGG			42	30
11242	4305N	2498-17294	00000/0000	2-10019/0538	06/03/76	10	6944	57.8	120.5		GGGG			42	30
11242	3432N	2550-17192	00000/0000	2-10021/0131	07/25/76	40	7669	56.1	107.3		GGGG			40	36
11242	3431N	2496-17205	00000/0000	2-10019/0449	06/01/76	0	6916	59.5	105.4		GGGG			40	36
11243	4312N	2636-17232	00000/0000	2-10025/1360	12/18/76	30	9705	17.5	150.3		GGGG			42	30
11243	4308N	2626-17264	00000/0000	2-10022/1214	09/19/76	30	8450	40.6	139.3		GGGG			42	30
11243	3435N	2424-17225	00000/0000	2-10017/0374	03/21/76	10	5912	43.6	130.0		GGGG			40	36
11243	3430N	2514-17202	00000/0000	2-10019/1294	06/19/76	0	7167	59.3	102.3		GGGG			40	36
11244	5006N	2392-17421	00000/0000	2-10015/1076	02/18/76	40	5466	22.6	147.3		FGGG			44	25
11244	4259N	2516-17292	00000/0000	2-10019/1338	06/21/76	10	7195	58.0	117.7		G FG			42	30
11244	3858N	2569-17232	00000/0000	2-10021/0944	08/13/76	0	7934	52.0	120.9		GGGG			41	33
11244	3853N	2479-17254	00000/0000	2-10018/1106	05/15/76	10	6679	57.1	118.5		GGGG			41	33
11244	3438N	2730-17130	00000/0000	2-10024/0690	01/21/77	90	179	25.0	141.0		GGGG			40	36
11244	3436N	2406-17232	00000/0000	2-10016/0718	03/03/76	90	5661	37.3	134.5	GGG	GFFG			40	36
11244	3436N	2676-17151	00000/0000	2-10025/0729	11/28/76	0	9426	26.7	147.6		GG			40	36
11244	3431N	2532-17195	00000/0000	2-10020/0597	07/07/76	10	7418	58.1	103.0		GGGG			40	36
11245	5009N	2626-17353	00000/0000	2-10023/0648	10/09/76	10	8729	29.2	150.6		GGGG			44	25
11245	5006N	2410-17414	00000/0000	2-10016/0867	03/07/76	70	5717	29.1	145.3		FGGG			44	25
11245	5005N	2644-17345	00000/0000	2-10024/0045	10/27/76	70	8980	23.2	153.5		GGGG			44	25
11245	4303N	2534-17285	00000/0000	2-10020/0660	07/09/76	0	7446	56.5	118.2		GGGG			42	30
11245	3859N	2713-17141	00000/0000	2-10026/0250	01/04/77	70	9942	20.4	146.2		GGGG			41	33
11245	3855N	2425-17272	00000/0000	2-10017/0399	03/22/76	10	5926	41.7	133.9		FGGG			41	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 24, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0687

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION IN ROLL	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
LONG	LAT								123 45678				
11245N	3852N	2551-17235	00000/0000	2-10021/0196	07/26/76	40	7683	55.2	114.6	GGGG		41	33
11245N	3435N	2694-17143	00000/0000	2-10025/1309	12/16/76	0	9677	24.1	146.8	GGGG		40	36
11245N	3434N	2604-17175	00000/0000	2-10022/1137	09/17/76	10	8422	46.0	130.7	GGGG		40	36
11246N	4305N	2678-17241	00000/0000	2-10025/0781	11/30/76	50	9454	19.9	151.5	GGFG		42	30
11246N	3858N	2557-17225	00000/0000	2-10022/0353	08/31/76	0	8185	48.1	128.2	GGGG		41	33
11246N	3850N	2497-17252	00000/0000	2-10019/0136	06/02/76	10	6930	58.9	113.1	GGGG		41	33
11247N	4304N	2660-17245	00000/0000	2-10025/0237	11/12/76	0	9203	24.0	151.2	GGGG		42	30
11247N	4302N	2372-17331	00000/0000	2-10015/0034	01/29/76	10	5187	22.0	145.4	GGGG		42	30
11247N	3853N	2605-17222	00000/0000	2-10022/1190	09/18/76	10	8436	43.4	135.4	GGGG		41	33
11247N	3851N	2533-17242	00000/0000	2-10020/0636	07/08/76	10	7432	57.5	110.7	GGGG		41	33
11247N	3845N	2515-17245	00000/0000	2-10019/1305	06/20/76	10	7181	58.9	110.1	GGGG		41	33
11248N	3856N	2695-17185	00000/0000	2-10025/1350	12/17/76	0	9691	20.8	148.6	GGGG		41	33
11248N	3856N	2731-17173	00000/0000	2-10026/0761	01/22/77	100	193	22.3	142.9	GGGG		41	33
11248N	3431N	2622-17172	00000/0000	2-10023/0481	10/05/76	0	8673	41.2	137.8	GGGG		40	36
11248N	3430N	2658-17160	00000/0000	2-10025/0153	11/10/76	0	9175	31.0	146.5	GGGG		40	36
11248N	3429N	2640-17164	00000/0000	2-10023/1376	10/23/76	40	8924	36.0	143.2	GGGG		40	36
11249N	4304N	2624-17261	00000/0000	2-10023/0603	10/07/76	10	8701	35.0	145.1	GGGG		42	30
11249N	4301N	2642-17253	00000/0000	2-10023/1356	10/25/76	60	8952	29.3	149.0	GGGG		42	30
11249N	3850N	2677-17194	00000/0000	2-10025/0760	11/29/76	0	9440	23.4	149.6	GGFG		41	33
11250N	4257N	2390-17325	00000/0000	2-10015/0992	02/16/76	100	5438	26.9	143.3	GGGG		42	30
11250N	3426N	2388-17235	00000/0000	2-10015/0776	02/14/76	70	5410	31.8	138.5	GGGG		40	36
11251N	3848N	2659-17202	00000/0000	2-10025/0184	11/11/76	10	9189	27.5	148.9	GGGG		41	33
11252N	3846N	2623-17214	00000/0000	2-10023/0539	10/06/76	10	8687	38.2	141.6	GGGG		41	33
11252N	3843N	2371-17254	00000/0000	2-10015/0257	01/28/76	0	5173	24.8	144.4	FGGG		41	33
11253N	3846N	2641-17211	00000/0000	2-10023/1315	10/24/76	10	8938	32.7	146.2	GGGG		41	33
11254N	3842N	2389-17252	00000/0000	2-10015/0939	02/15/76	80	5424	29.4	140.9	GGGG		41	33
11255N	3844N	2407-17275	00000/0000	2-10014/0759	03/04/76	10	5675	35.3	137.5	GGGG		41	33
11257N	4606N	2463-17353	00000/0000	2-10018/0325	04/29/76	30	6456	50.6	133.7	GGGG		43	28
11258N	4606N	2445-17360	00000/0000	2-10017/1052	04/11/76	10	6205	44.9	137.2	GGGG		43	28
11300N	4605N	2571-17324	00000/0000	2-10021/1024	08/15/76	90	7962	48.6	131.1	GGGG		43	28
11301N	4606N	2589-17321	00000/0000	2-10022/0390	09/02/76	10	8213	43.8	137.0	GGGG		43	28
11301N	4558N	2481-17350	00000/0000	2-10012/1187	05/17/76	0	6707	54.8	129.4	GGGG		43	28
11301N	4558N	2553-17331	00000/0000	2-10021/0277	07/28/76	0	7711	52.6	126.0	GGGG		43	28
11303N	4604N	2715-17273	00000/0000	2-10024/0281	01/06/77	80	9970	16.4	148.9	GGGG		43	28
11303N	4602N	2697-17281	00000/0000	2-10025/1399	12/19/76	0	9719	15.3	151.4	GGGG		43	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR LIS  
FROM 01/22/76 TO 01/22/77

PAGE 0688

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11303N	4559N	2427-17364	00000/0000	2-10017/0449	03/24/76	90	5954	38.3	140.0	G GG		43	28
11303N	4555N	2427-17344	00000/0000	2-10019/0580	06/04/76	30	6958	56.9	125.2	GGGG		43	28
11303N	3316N	2460-17221	00000/0000	2-10018/0260	04/26/76	0	6414	55.1	116.4	GGGG		40	37
11305N	4557N	2607-17314	00000/0000	2-10022/1246	09/20/76	0	8464	38.5	142.6	GFGG		43	28
11305N	4548N	2517-17341	00000/0000	2-10019/1388	06/22/76	90	7209	57.1	122.6	GGGG		43	28
11305N	3315N	2442-17224	00000/0000	2-10017/1161	04/08/76	0	6163	50.2	123.0	GGGG		40	37
11305N	3308N	2478-17214	2-10018/1476	2-10018/1068	05/14/76	0	6665	58.3	109.0	GGG GGGG		40	37
11306N	4556N	2679-17290	00000/0000	2-10025/0818	12/01/76	10	9468	17.5	152.7	GGGG		43	28
11306N	4553N	2535-17334	00000/0000	2-10020/0617	07/10/76	10	7460	55.5	122.9	GGGG		43	28
11306N	4553N	2661-17294	00000/0000	2-10025/0256	11/13/76	0	9217	21.6	152.7	GGGG		43	28
11306N	4551N	2409-17371	00000/0000	2-10016/0826	03/06/76	20	5703	31.5	142.4	GGGG		43	28
11307N	3314N	2712-17141	00000/0000	2-10026/0240	01/03/77	60	9928	24.4	143.8	GGGG		40	37
11307N	3312N	2568-17191	00000/0000	2-10021/0934	08/12/76	10	7920	53.8	112.2	GGGG		40	37
11308N	3733N	2461-17264	00000/0000	2-10018/0318	04/27/76	10	6428	53.9	122.4	GGGG		41	34
11308N	3306N	2436-17211	00000/0000	2-10019/0450	06/01/76	0	6916	59.6	102.3	GGGG		40	37
11308N	3303N	2514-17205	00000/0000	2-10019/1295	06/19/76	0	7167	59.3	99.6	GGGG		40	37
11309N	4551N	2643-17302	00000/0000	2-10023/1397	10/26/76	70	8966	26.8	150.9	GGGG		43	28
11309N	4550N	2373-17381	00000/0000	2-10015/0272	01/30/76	10	5201	20.2	147.6	GFGG		43	28
11309N	3309N	2424-17231	00000/0000	2-10017/0375	03/21/76	10	5912	44.3	128.6	GFGG		40	37
11309N	3307N	2550-17195	00000/0000	2-10021/0132	07/25/76	30	7669	56.2	105.0	GGGG		40	37
11309N	3305N	2532-17202	00000/0000	2-10020/0598	07/07/76	10	7418	58.1	100.5	GGGG		40	37
11310N	4554N	2625-17310	00000/0000	2-10023/0576	10/08/76	10	8715	32.6	147.4	GGGG		43	28
11310N	4149N	2444-17312	00000/0000	2-10017/1217	04/10/76	0	6191	46.9	132.7	GGGG		42	31
11310N	4148N	2462-17310	00000/0000	2-10018/0404	04/28/76	30	6442	52.4	128.1	GGGG		42	31
11310N	4143N	2480-17304	00000/0000	2-10018/1130	05/16/76	0	6693	56.3	122.9	GGGG		42	31
11310N	3734N	2443-17271	00000/0000	2-10017/1178	04/09/76	0	6177	48.7	128.0	GGGG		41	34
11310N	3312N	2730-17133	00000/0000	2-10026/0691	01/21/77	90	179	26.0	140.3	GGGG		40	37
11310N	3311N	2406-17235	00000/0000	2-10016/0719	03/03/76	90	5661	38.1	133.4	GFF GFFG		40	37
11310N	3310N	2676-17154	00000/0000	2-10025/0730	11/28/76	0	9426	27.8	146.9	G G		40	37
11311N	4859N	2446-17405	00000/0000	2-10017/1264	04/12/76	10	6219	43.6	140.2	FGGG		44	26
11311N	4546N	2391-17374	00000/0000	2-10015/1020	02/17/76	90	5452	25.3	144.8	FGGG		43	28
11311N	3727N	2479-17261	00000/0000	2-10018/1107	05/15/76	0	6679	57.5	116.1	FGGG		41	34
11311N	3310N	2694-17145	00000/0000	2-10026/1310	12/16/76	0	9677	25.2	146.1	GGGG		40	37
11311N	3309N	2604-17141	00000/0000	2-10027/1138	09/17/76	10	8422	46.7	129.2	GGGG		40	37
11312N	4855N	2464-17402	00000/0000	2-10018/0440	04/30/76	0	6470	49.4	137.2	GGGG		44	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=3 AND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0689

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL PBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
LONG LAT		RBV	MSS						123 45678				
11312N	4147N	2570-17251	00000/0000	2-10021/1010	08/14/76	10	7948	50.8	125.2	GGGG		42	31
11312N	4141N	2552-17284	00000/0000	2-10021/0251	07/27/76	20	7697	54.3	115.3	GGGG		42	31
11312N	3732N	2569-17234	00000/0000	2-10021/0945	08/13/76	0	7934	52.5	118.9	GGGG		41	34
11312N	3731N	2713-17183	00000/0000	2-10026/0251	01/04/77	20	9942	21.5	145.5	GGGG		41	34
11313N	4149N	2558-17274	00000/0000	2-10022/0464	09/01/76	0	8199	46.4	131.9	GGGG		42	31
11313N	4148N	2714-17230	00000/0000	2-10026/0272	01/05/77	10	9956	18.4	147.2	GGGG		42	31
11313N	4143N	2426-17321	00000/0000	2-10017/0313	03/23/76	80	5940	40.5	136.3	GGGG		42	31
11313N	4140N	2498-17301	00000/0000	2-10019/0539	06/03/76	10	6944	58.3	118.0	GGGG		42	31
11313N	3729N	2425-17274	00000/0000	2-10017/0400	03/22/76	10	5926	42.5	132.5	GGGG		41	34
11313N	3726N	2551-17241	00000/0000	2-10021/0197	07/26/76	90	7683	55.5	112.3	GGGG		41	34
11314N	4854N	2572-17373	00000/0000	2-10021/1067	08/16/76	50	7976	46.9	134.9	GGGG		44	26
11314N	4147N	2696-17234	00000/0000	2-10025/1361	12/18/76	40	9705	18.6	149.7	GGGG		42	31
11314N	4142N	2606-17271	00000/0000	2-10022/1215	09/19/76	10	8450	41.5	138.5	GGGG		42	31
11314N	3732N	2557-17231	00000/0000	2-10022/0354	08/31/76	0	8185	48.7	126.5	GGGG		41	34
11314N	3724N	2497-17254	00000/0000	2-10019/0137	06/02/76	0	6930	59.2	110.5	GGGG		41	34
11314N	3305N	2622-17174	00000/0000	2-10023/0482	10/05/76	0	8673	42.0	136.6	GGGG		40	37
11314N	3304N	2658-17162	00000/0000	2-10025/0154	11/10/76	0	9175	32.0	145.7	GGGG		40	37
11315N	4855N	2590-17370	00000/0000	2-10022/0401	09/03/76	10	8227	41.9	140.2	GGGG		44	26
11315N	4847N	2482-17400	00000/0000	2-10018/1210	05/18/76	20	6721	53.6	133.4	GGGG		44	26
11315N	4134N	2516-17294	00000/0000	2-10019/1344	06/21/76	10	7195	58.3	115.1	GGGG		42	31
11315N	3727N	2605-17224	00000/0000	2-10022/1191	09/18/76	10	8436	44.2	134.0	GGGG		41	34
11315N	3726N	2533-17244	00000/0000	2-10020/0637	07/08/76	10	7432	57.7	108.2	GGGG		41	34
11315N	3303N	2640-17170	00000/0000	2-10023/1377	10/23/76	40	8924	37.0	142.2	GGGG		40	37
11316N	4855N	2698-17330	00000/0000	2-10025/1427	12/20/76	60	9733	13.0	152.5	GGGG		44	26
11316N	4851N	2428-17413	00000/0000	2-10017/0335	03/25/76	70	5968	36.9	142.4	GGGG		44	26
11316N	4850N	2554-17380	00000/0000	2-10021/0359	07/29/76	60	7725	51.1	130.4	GGGG		44	26
11316N	4139N	2534-17291	00000/0000	2-10020/0661	07/09/76	0	7446	56.9	115.7	GGGG		42	31
11316N	3730N	2695-17182	00000/0000	2-10025/1351	12/17/76	0	9691	21.9	148.0	GGGG		41	34
11316N	3720N	2515-17252	00000/0000	2-10019/1306	06/20/76	10	7181	59.1	107.4	GGGG		41	34
11316N	3301N	2388-17242	00000/0000	2-10015/0777	02/14/76	30	5410	32.7	137.6	GGGG		40	37
11317N	4854N	2716-17322	00000/0000	2-10026/0289	01/07/77	70	9984	13.3	150.0	GGGG		44	26
11317N	4141N	2678-17243	00000/0000	2-10025/0782	11/30/76	10	9454	21.0	150.9	GGGG		42	31
11317N	3730N	2731-17175	00000/0000	2-10026/0762	01/22/77	90	193	23.3	142.2	GGGG		41	34
11317N	3725N	2677-17200	00000/0000	2-10025/0761	11/29/76	0	9440	24.4	149.0	GGGG		41	34
11318N	4139N	2660-17252	00000/0000	2-10025/0238	11/12/76	10	9203	25.1	150.5	GGGG		42	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0690

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFIL POSITION	ROLL No./ IN RELI	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS						123 45678				
11318N	4137N	2372-17334	00000/0000	2-10015/0035	01/29/76	0	5187	23.0	145.7	GGGG		42	31
11319N	4849N	2638-17367	00000/0000	2-10027/1272	09/21/76	0	8478	36.2	145.3	GGGG		44	26
11319N	4845N	2536-17373	00000/0000	2-10020/0684	07/11/76	10	7474	54.2	127.6	FGFF		44	26
11319N	4844N	2500-17393	00000/0000	2-10019/0659	06/05/76	20	6972	55.8	129.7	GGGG		44	26
11319N	3724N	2659-17205	00000/0000	2-10025/0135	11/11/76	10	9189	28.6	148.2	GGGG		41	34
11320N	4848N	2580-17335	00000/0000	2-10025/0839	12/02/76	30	9482	15.1	154.0	GGGG		44	26
11320N	4840N	2518-17390	00000/0000	2-10019/1399	06/23/76	90	7223	55.9	127.4	GGGG		44	26
11320N	4138N	2624-17264	00000/0000	2-10023/0604	10/07/76	0	8701	36.0	144.1	GGGG		42	31
11320N	4136N	2642-17267	00000/0000	2-10023/1357	10/25/76	30	8952	30.3	148.2	GGGG		42	31
11320W	3720N	2623-17221	00000/0000	2-10023/0540	10/06/76	10	8687	39.1	140.5	GGGG		41	34
11320W	3717N	2371-17291	00000/0000	2-10015/0258	01/28/76	0	5173	25.8	143.7	GGGG		41	34
11321N	4132N	2390-17331	00000/0000	2-10015/0993	02/16/76	90	5438	27.8	142.5	GGGG		42	31
11322N	4842N	2392-17423	00000/0000	2-10015/1077	02/18/76	70	5466	23.6	146.5	FGFF		44	26
11322N	3720N	2641-17213	00000/0000	2-10023/1316	10/24/76	10	8938	33.7	145.3	GGGG		41	34
11322N	3717N	2389-17285	00000/0000	2-10015/0929	02/15/76	90	5424	30.3	140.1	G		41	34
11323N	4844N	2626-17355	00000/0000	2-10023/0649	10/09/76	30	8729	30.2	149.6	GGGG		44	26
11323N	4842N	2410-17420	00000/0000	2-10016/0868	03/07/76	20	5717	30.0	144.3	GGGG		44	26
11323N	4842N	2662-17343	00000/0000	2-10025/0309	11/14/76	10	9231	19.1	154.1	GGGG		44	26
11323N	4841N	2644-17352	00000/0000	2-10024/0046	10/27/76	70	8980	24.3	152.6	GGGG		44	26
11323N	4840N	2374-17430	00000/0000	2-10015/0363	01/31/76	90	5215	18.4	148.9	GGGG		44	26
11324N	3719N	2407-17282	00000/0000	2-10016/0760	03/04/76	30	5675	36.1	136.4	GGGG		41	34
11330N	3149N	2442-17230	00000/0000	2-10017/1162	04/08/76	0	6163	50.7	121.2	GGGG		40	38
11330N	3142N	2478-17221	2-10018/1477	2-10018/1069	05/14/76	0	6665	58.4	106.4	GGGG		40	38
11331N	4441N	2463-17360	00000/0000	2-10018/0326	04/29/76	10	6456	51.3	131.8	FGGG		43	29
11332N	4441N	2445-17367	00000/0000	2-10017/1053	04/11/76	10	6205	45.7	135.7	GGGG		43	29
11332W	3146N	2568-17194	00000/0000	2-10021/0935	08/12/76	0	7920	54.0	110.0	GGGG		40	38
11333N	3148N	2712-17143	00000/0000	2-10026/0241	01/03/77	20	9928	25.4	143.1	GGGG		40	38
11333N	3140N	2496-17214	00000/0000	2-10019/0451	06/01/76	0	6916	59.6	100.1	GGGG		40	38
11333N	3138N	2514-17211	00000/0000	2-10019/1296	06/19/76	0	7167	59.3	97.0	GGGG		40	38
11334N	4439N	2571-17330	00000/0000	2-10021/1025	08/15/76	90	7962	49.3	129.3	GGGG		43	29
11334N	4433N	2481-17353	00000/0000	2-10018/1188	05/17/76	0	6707	55.4	127.1	GGGG		43	29
11334N	3143N	2424-17234	00000/0000	2-10017/0376	03/21/76	10	5912	45.0	127.1	FGGG		40	38
11334N	3142N	2550-17231	00000/0000	2-10021/0133	07/25/76	20	7669	56.3	102.6	GGGG		40	38
11334N	3140N	2532-17234	00000/0000	2-10020/0599	07/07/76	0	7418	58.1	98.0	GGGG		40	38
11335N	4441N	2569-17327	00000/0000	2-10027/0391	09/02/76	10	8213	44.6	135.4	FGGG		43	29

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0691

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	GRAIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11335	4433N	2553-17333	00000/0000	2-10021/0278	07/28/76	10	7711	53.1	123.9	FGF	GGGG	43	29
11335	3145N	2406-17241	00000/0000	2-10016/0720	03/03/76	60	5661	38.9	132.2	GGGG	GGGG	40	38
11335	3144N	2676-17160	00000/0000	2-10025/0731	11/28/76	10	9426	28.9	146.2	GGG	GGG	40	38
11336	4436N	2697-17244	00000/0000	2-10025/1400	12/19/76	0	9719	16.4	150.8	GGGG	GGGG	43	29
11336	3607N	2461-17270	00000/0000	2-10018/0319	04/27/76	0	6428	54.4	120.3	GGGG	GGGG	41	35
11336	3146N	2730-17135	00000/0000	2-10026/0692	01/21/77	40	179	26.9	139.6	GGGG	GGGG	40	38
11336	3144N	2694-17152	00000/0000	2-10025/1311	12/16/76	0	9677	26.2	145.4	GGGG	GGGG	40	38
11336	3143N	2604-17134	00000/0000	2-10027/1139	09/17/76	10	8422	47.4	127.6	GGGG	GGGG	40	38
11337	4434N	2427-17370	00000/0000	2-10017/0452	03/24/76	100	5954	39.2	138.7	GGGG	GGGG	43	29
11337	4430N	2499-17350	00000/0000	2-10019/0581	06/04/76	10	6958	57.4	122.8	GGGG	GGGG	43	29
11337	3608N	2443-17273	00000/0000	2-10017/1179	04/09/76	0	6177	49.3	126.3	GGGG	GGGG	41	35
11338	4424N	2517-17344	00000/0000	2-10019/1389	06/22/76	80	7209	57.5	120.1	GGGG	GGGG	43	29
11339	4432N	2607-17320	00000/0000	2-10027/1247	09/20/76	10	8464	39.4	141.3	GGGG	GGGG	43	29
11339	4023N	2462-17313	00000/0000	2-10018/0405	04/28/76	10	6442	53.1	126.1	GGGG	GGGG	42	32
11339	3606N	2713-17190	00000/0000	2-10026/0252	01/04/77	40	9942	22.5	144.9	GGGG	GGGG	41	35
11339	3601N	2479-17263	00000/0000	2-10018/1108	05/15/76	0	6679	57.9	113.6	GGGG	GGGG	41	35
11339	3139N	2622-17141	00000/0000	2-10023/0443	10/05/76	0	8673	42.9	135.4	GGGG	GGGG	40	38
11340	4431N	2679-17292	00000/0000	2-10025/0819	12/01/76	0	9468	18.6	152.1	GGGG	GGGG	43	29
11340	4428N	2535-17341	00000/0000	2-10027/0618	07/10/76	10	7460	55.9	120.6	GGGG	GGGG	43	29
11340	4426N	2409-17374	00000/0000	2-10016/0827	03/06/76	10	5703	32.5	141.3	GGGG	GGGG	43	29
11340	4023N	2444-17320	00000/0000	2-10017/1218	04/10/76	0	6191	47.7	131.0	GGGG	GGGG	42	32
11340	4018N	2430-17310	00000/0000	2-10018/1131	05/16/76	0	6693	56.8	120.6	GGGG	GGGG	42	32
11340	3607N	2569-17241	00000/0000	2-10021/0946	08/13/76	0	7934	52.9	116.9	GGGG	GGGG	41	35
11340	3601N	2551-17244	00000/0000	2-10021/0198	07/26/76	40	7683	55.7	110.0	GGGG	GGGG	41	35
11340	3139N	2658-17165	00000/0000	2-10025/0155	11/10/76	10	9175	33.0	144.3	GGGG	GGGG	40	38
11340	3138N	2640-17173	00000/0000	2-10023/1378	10/23/76	50	8924	37.9	141.2	GGGG	GGGG	40	38
11340	3135N	2388-17244	00000/0000	2-10015/0778	02/14/76	10	5410	33.5	136.7	GGGG	GGGG	40	38
11341	4428N	2661-17301	00000/0000	2-10025/0257	11/13/76	0	9217	22.7	152.0	GGGG	GGGG	43	29
11341	3603N	2425-17231	00000/0000	2-10017/0401	03/22/76	0	5926	43.2	131.2	GGGG	GGGG	41	35
11341	3559N	2497-17261	00000/0000	2-10019/0138	06/02/76	0	6930	59.4	107.9	GGGG	GGGG	41	35
11342	4426N	2643-17305	00000/0000	2-10023/1398	10/26/76	30	8966	27.9	150.0	GGGG	GGGG	43	29
11342	4425N	2373-17323	00000/0000	2-10015/0273	01/30/76	0	5201	21.2	146.9	GGGG	GGGG	43	29
11342	4023N	2714-17233	00000/0000	2-10026/0273	01/05/77	70	9956	19.5	146.6	GGGG	GGGG	42	32
11342	4015N	2552-17291	00000/0000	2-10021/0252	07/27/76	30	7697	54.7	117.1	GGGG	GGGG	42	32
11342	3606N	2587-17234	00000/0000	2-10027/0355	08/31/76	0	8185	49.3	124.8	GGGG	GGGG	41	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=BLANK GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0692

PRINCIPAL POINT OF IMAGE	PRESERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	BRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	BRRIT PATH NUM.	FRAME ROW NUM.
11342	3600N	2533-17251	00000/0000	2-10020/0638	07/08/76	10	7432	57.9	105.7	GGGG		41	35
11343	4429N	2625-17313	00000/0000	2-10023/0577	10/08/76	0	8715	33.6	146.4	GGGG		43	29
11343	4022N	2570-17233	00000/0000	2-10021/1011	08/14/76	20	7948	51.3	123.2	GGGG		42	32
11343	4018N	2426-17323	00000/0000	2-10017/0314	03/23/76	60	5940	41.3	135.0	GGGG		42	32
11343	4015N	2498-17303	00000/0000	2-10019/0540	06/03/76	10	6944	58.6	115.5	GGGG		42	32
11343	3605N	2695-17194	00000/0000	2-10025/1352	12/17/76	0	9691	22.9	147.3	GGGG		41	35
11343	3602N	2605-17231	00000/0000	2-10022/1192	09/18/76	10	8436	45.0	132.6	GGGG		41	35
11343	3555N	2515-17254	00000/0000	2-10019/1307	06/20/76	10	7181	59.2	104.8	GGGG		41	35
11344	4023N	2548-17280	00000/0000	2-10022/0465	09/01/76	0	8199	47.2	130.3	GGGG		42	32
11344	4021N	2696-17241	00000/0000	2-10025/1362	12/18/76	20	9705	19.7	149.1	GGGG		42	32
11344	4017N	2606-17273	00000/0000	2-10022/1216	09/19/76	30	8450	42.3	137.1	GGGG		42	32
11344	3604N	2731-17182	00000/0000	2-10026/0763	01/22/77	80	193	24.3	141.5	GGGG		41	35
11345	4421N	2391-17381	00000/0000	2-10015/1021	02/17/76	90	5452	26.2	144.0	GGGG		43	29
11345	4010N	2516-17301	00000/0000	2-10019/1345	06/21/76	10	7195	58.6	112.6	GFGR		42	32
11345	3600N	2677-17203	00000/0000	2-10025/0762	11/24/76	0	9440	25.5	148.3	GFGR		41	35
11346	4013N	2534-17294	00000/0000	2-10020/0662	07/09/76	0	7446	57.2	113.3	GGGG		42	32
11346	3558N	2659-17211	00000/0000	2-10025/0186	11/11/76	0	9189	29.6	147.4	GGGG		41	35
11347	4016N	2678-17250	00000/0000	2-10025/0783	11/30/76	10	9454	22.1	150.2	FGFG		42	32
11348	4734N	2446-17412	00000/0000	2-10017/1265	04/12/76	10	6219	44.4	138.6	GGGG		44	27
11348	4014N	2660-17254	00000/0000	2-10025/0239	11/12/76	60	9203	26.2	149.7	FGGG		42	32
11348	4012N	2372-17340	00000/0000	2-10015/0036	01/29/76	0	5187	24.0	145.0	GGGG		42	32
11348	3554N	2623-17223	00000/0000	2-10023/0541	10/06/76	0	8687	40.0	139.3	GGGG		41	35
11348	3551N	2371-17293	00000/0000	2-10015/0259	01/28/76	0	5173	26.7	142.9	GGGG		41	35
11349	4730N	2464-17405	00000/0000	2-10018/0441	04/30/76	0	6470	50.1	135.3	GFGR		44	27
11349	3554N	2641-17220	00000/0000	2-10023/1317	10/24/76	10	8938	34.7	144.4	FGGG		41	35
11350	4013N	2624-17270	00000/0000	2-10023/0605	10/07/76	0	8701	36.9	143.0	GGGG		42	32
11350	4010N	2642-17262	00000/0000	2-10023/1358	10/25/76	10	8952	31.4	147.3	GGGG		42	32
11350	3551N	2389-17291	00000/0000	2-10015/0940	02/15/76	70	5424	31.2	139.2	GGGG		41	35
11351	4731N	2590-17372	00000/0000	2-10022/0402	09/03/76	10	8227	42.7	138.7	GGGG		44	27
11351	4728N	2572-17375	00000/0000	2-10021/1068	08/16/76	70	7976	47.7	133.2	GGGG		44	27
11351	4006N	2390-17334	00000/0000	2-10015/0994	02/16/76	100	5438	28.8	141.6	GGFG		42	32
11351	3553N	2407-17244	00000/0000	2-10016/0761	03/04/76	50	5675	36.9	135.3	GGGG		41	35
11352	4722N	2482-17402	00000/0000	2-10014/1211	05/18/76	20	6721	54.3	131.3	GGGG		44	27
11353	4729N	2698-17333	00000/0000	2-10025/1428	12/20/76	20	9733	14.1	151.9	GGGG		44	27
11353	4729N	2716-17325	00000/0000	2-10026/0290	01/07/77	80	9984	14.4	149.4	GGGG		44	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 26, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0493

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN ROL RBV MSS	ROLL NO./ IN ROL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11353N	4727N	2428-17415	00000/0000	2-10017/0336	03/25/76	90	5968	37.8	141.1	FGGF		44	27
11353N	4725N	2534-17383	00000/0000	2-10021/0360	07/29/76	10	7725	51.8	128.4	GGGG		44	27
11354N	3016N	2478-17223	2-10018/1478	2-10018/1070	05/14/76	0	6665	58.6	103.9	GGG FFGG		40	39
11356N	4724N	2608-17365	00000/0000	2-10022/1273	09/21/76	0	8478	37.2	144.1	GGGG		44	27
11356N	4723N	2650-17341	00000/0000	2-10025/0840	12/02/76	60	9482	16.2	153.4	FGGG		44	27
11356N	4720N	2536-17320	00000/0000	2-10020/0685	07/11/76	10	7474	54.8	125.4	FGPG		44	27
11356N	4719N	2500-17400	00000/0000	2-10019/0660	06/05/76	10	6972	56.4	127.4	GGGG		44	27
11356N	4715N	2518-17393	00000/0000	2-10019/1400	06/23/76	90	7223	56.5	125.0	GGGG		44	27
11356N	3023N	2442-17233	00000/0000	2-10017/1163	04/08/76	10	6163	51.2	119.3	GGGG		40	39
11356N	3020N	2568-17200	00000/0000	2-10021/0936	08/12/76	0	7920	54.2	107.9	GGGG		40	39
11358N	3022N	2712-17150	00000/0000	2-10026/0242	01/03/77	10	9928	26.4	142.4	GGGP		40	39
11358N	3017N	2550-17204	00000/0000	2-10021/0134	07/25/76	10	7669	56.3	100.3	GGGG		40	39
11359N	4717N	2392-17430	00000/0000	2-10015/1078	02/18/76	90	5466	24.6	145.6	FGFG		44	27
11359N	4717N	2662-17350	00000/0000	2-10025/0310	11/14/76	20	9231	20.2	153.4	GGGG		44	27
11359N	4715N	2374-17432	00000/0000	2-10015/0364	01/31/76	90	5215	19.4	148.2	GGGG		44	27
11359N	3017N	2424-17240	00000/0000	2-10017/0377	03/21/76	0	5912	45.6	125.6	FFGF		40	39
11359N	3015N	2532-17211	00000/0000	2-10020/0600	07/07/76	10	7418	58.0	95.5	GGGG		40	39
11400N	4720N	2626-17352	00000/0000	2-10023/0650	10/09/76	10	8729	31.3	148.6	GGGG		44	27
11400N	4718N	2410-17423	00000/0000	2-10016/0869	03/07/76	10	5717	31.0	143.3	FGGG		44	27
11400N	4716N	2644-17354	00000/0000	2-10024/0047	10/27/76	50	8980	25.4	151.8	FGGG		44	27
11400N	3018N	2406-17244	00000/0000	2-10014/0721	03/03/76	10	5661	39.7	131.1	GGG GFGG		40	39
11400N	3018N	2676-17163	00000/0000	2-10025/0732	11/28/76	10	9426	29.9	145.5	GGFF		40	39
11401N	3020N	2730-17142	00000/0000	2-10026/0693	01/21/77	20	179	27.8	138.8	GFGG		40	39
11401N	3018N	2694-17154	00000/0000	2-10025/1312	12/16/76	10	9677	27.2	144.8	GGGF		40	39
11401N	3016N	2604-17190	00000/0000	2-10022/1140	09/17/76	10	8422	48.0	126.0	GGGF		40	39
11403N	4315N	2463-17362	00000/0000	2-10018/0327	04/29/76	10	6456	52.0	129.9	GGGG		43	30
11403N	3441N	2461-17273	00000/0000	2-10018/0320	04/27/76	0	6428	54.9	118.1	GGGG		41	36
11404N	4315N	2445-17365	00000/0000	2-10017/1054	04/11/76	30	6205	46.5	134.1	GGGF		43	30
11404N	3442N	2443-17280	00000/0000	2-10017/1180	04/09/76	0	6177	49.9	124.6	GFGG		41	36
11405N	3436N	2479-17270	00000/0000	2-10018/1109	05/15/76	0	6679	58.2	111.2	GFGG		41	36
11406N	5008N	2501-17445	00000/0000	2-10019/0646	06/06/76	90	6986	58.2	131.8	GGGG		45	25
11406N	4314N	2571-17333	00000/0000	2-10021/1026	08/15/76	90	7962	49.9	127.5	GGGG		43	30
11406N	3441N	2713-17192	00000/0000	2-10026/0253	01/04/77	80	9942	23.5	144.3	GGGG		41	36
11407N	4315N	2589-17330	00000/0000	2-10022/0392	09/02/76	10	8213	45.4	133.9	GFGG		43	30
11407N	4308N	2481-17355	00000/0000	2-10018/1189	05/17/76	0	6707	56.0	124.9	GGGG		43	30

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0694

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11407W	4308N	2553-17340	00000/0000	2-10021/0279	07/28/76	10	7711	53.6	121.8	GFGG		43	30
11407W	3441N	2569-17243	00000/0000	2-10021/0947	08/13/76	0	7934	53.3	114.8	GGGG		41	36
11407W	3435N	2551-17250	00000/0000	2-10021/0199	07/26/76	10	7683	55.9	107.7	GGGG		41	36
11408W	5008N	2519-17442	00000/0000	2-10019/1428	06/24/76	80	7237	55.3	129.7	GGGG		45	25
11408W	3857N	2462-17315	00000/0000	2-10018/0406	04/28/76	0	6442	53.6	124.1	GGGG		42	33
11408W	3437N	2425-17282	00000/0000	2-10017/0402	03/22/76	0	5926	43.9	129.7	GGGG		41	36
11408W	3434N	2497-17263	00000/0000	2-10019/0139	06/02/76	0	6932	59.5	105.2	GGGG		41	36
11409W	4311N	2697-17290	00000/0000	2-10025/1121	12/19/76	0	9719	17.5	150.2	GGGG		43	30
11409W	4309N	2427-17373	00000/0000	2-10017/0153	03/24/76	100	5954	40.0	137.4	FGGG		43	30
11409W	4305N	2499-17353	00000/0000	2-10019/0132	06/04/76	0	6958	57.9	120.3	GGGG		43	30
11409W	3857N	2444-17322	00000/0000	2-10017/1219	04/10/76	0	6191	48.4	129.4	GGGG		42	33
11409W	3852N	2480-17313	00000/0000	2-10018/1132	05/16/76	0	6693	57.3	118.2	GGGG		42	33
11409W	3440N	2587-17240	00000/0000	2-10022/0356	08/31/76	0	8185	49.9	123.0	GGGF		41	36
11409W	3434N	2533-17253	00000/0000	2-10020/0639	07/08/76	10	7432	58.0	103.2	GGGG		41	36
11409W	3429N	2515-17261	00000/0000	2-10019/1308	06/20/76	10	7181	59.3	102.2	GGGG		41	36
11410W	4258N	2517-17350	00000/0000	2-10019/1390	06/22/76	20	7209	57.9	117.6	GGGG		43	30
11410W	3439N	2695-17201	00000/0000	2-10025/1353	12/17/76	10	9691	24.0	146.7	FGGF		41	36
11410W	3436N	2605-17233	00000/0000	2-10022/1133	09/18/76	10	8436	45.7	131.1	GGGG		41	36
11411W	5009N	2645-17402	00000/0000	2-10024/0060	10/28/76	40	8994	22.9	153.6	GGGG		45	25
11411W	4307N	2607-17323	00000/0000	2-10022/1248	09/20/76	10	8464	40.3	140.1	GGGG		43	30
11411W	4303N	2535-17343	00000/0000	2-10020/0619	07/10/76	0	7460	56.4	118.2	GGGG		43	30
11411W	3856N	2714-17235	00000/0000	2-10024/0274	01/05/77	90	9956	20.5	146.0	GGGG		42	33
11411W	3850N	2552-17293	00000/0000	2-10021/0253	07/27/76	20	7697	55.0	114.8	GGGG		42	33
11411W	3438N	2731-17184	00000/0000	2-10026/0764	01/22/77	80	193	25.2	140.8	GGGG		41	36
11411W	3434N	2677-17205	00000/0000	2-10025/0763	11/29/76	0	9440	26.6	147.6	GGGG		41	36
11412W	5006N	2627-17411	00000/0000	2-10023/0661	10/10/76	40	8743	28.9	150.8	GGGG		45	25
11412W	5006N	2663-17395	00000/0000	2-10025/0340	11/15/76	60	9245	17.7	154.9	GGGG		45	25
11412W	5005N	2411-17472	00000/0000	2-10016/0925	03/08/76	30	5731	29.5	145.2	GFGG		45	25
11412W	4306N	2679-17295	00000/0000	2-10025/0820	12/01/76	10	9468	19.7	151.5	GGGG		43	30
11412W	4301N	2409-17380	00000/0000	2-10016/0828	03/06/76	0	5703	33.4	140.3	GGGG		43	30
11412W	3857N	2570-17290	00000/0000	2-10021/1012	08/14/76	50	7948	51.8	121.3	GGGG		42	33
11412W	3852N	2426-17330	00000/0000	2-10017/0315	03/23/76	30	5940	42.1	133.6	GGGG		42	33
11412W	3433N	2659-17214	00000/0000	2-10025/0187	11/11/76	10	9189	30.7	146.6	GGGG		41	36
11413W	3857N	2558-17243	00000/0000	2-10022/0466	09/01/76	0	8199	47.8	128.6	GGGG		42	33
11414W	4304N	2661-17303	00000/0000	2-10025/0258	11/13/76	0	9217	23.8	151.2	GGGG		43	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANK)=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
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01:29 APR 28, 1977

LANCISAT-2  
COORDINATE LISTING

PAGE 0695

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
11414N	4301N	2643-17311	00000/0000	2-10023/1399	10/26/76	40	8966	29.0	149.2	GGGG		43	30
11414N	3856N	2696-17244	00000/0000	2-10025/1363	12/18/76	0	9705	20.7	148.5	GGGG		42	33
11414N	3852N	2606-17280	00000/0000	2-10022/1217	09/19/76	20	8450	43.1	135.8	GGGG		42	33
11414N	3845N	2516-17303	00000/0000	2-10019/1346	06/21/76	0	7195	58.9	110.0	GFGG		42	33
11414N	3429N	2623-17230	00000/0000	2-10023/0542	10/06/76	10	8687	40.9	138.2	GGGG		41	36
11415N	4304N	2625-17315	00000/0000	2-10023/0578	10/08/76	0	8715	34.6	145.4	GGGG		43	30
11415N	3800N	2373-17390	00000/0000	2-10015/0274	01/30/76	40	5201	22.2	146.2	GGGF		43	30
11415N	3848N	2534-17300	00000/0000	2-10020/0663	07/09/76	0	7446	57.4	110.8	GFGG		42	33
11415N	3428N	2641-17222	00000/0000	2-10023/1318	10/24/76	10	8938	35.7	143.5	FGGG		41	36
11416N	3426N	2371-17300	00000/0000	2-10015/0260	01/28/76	0	5173	27.7	142.2	GGGG		41	36
11416N	3425N	2389-17294	00000/0000	2-10015/0941	02/15/76	40	5424	32.1	138.3	GGGG		41	36
11417N	4256N	2391-17383	00000/0000	2-10015/1022	02/17/76	90	5452	27.2	143.1	GGFG		43	30
11417N	3850N	2678-17252	00000/0000	2-10025/0784	11/30/76	0	9454	23.2	149.6	GGFG		42	33
11417N	3848N	2660-17261	00000/0000	2-10025/0240	11/12/76	50	9203	27.3	149.0	GGGG		42	33
11418N	3847N	2372-17343	00000/0000	2-10015/0037	01/29/76	0	5187	24.9	144.2	GGGG		42	33
11418N	3845N	2642-17265	00000/0000	2-10023/1359	10/25/76	10	8952	32.4	146.4	GGGG		42	33
11418N	3428N	2407-17291	00000/0000	2-10016/0762	03/04/76	10	5675	37.7	134.2	GGGG		41	36
11419N	3847N	2624-17273	00000/0000	2-10023/0606	10/07/76	0	8701	37.9	141.9	GGGG		42	33
11420N	3842N	2390-17340	00000/0000	2-10015/0995	02/16/76	90	5438	29.7	140.7	GGGG		42	33
11423N	4609N	2446-17414	00000/0000	2-10017/1266	04/12/76	30	6219	45.2	137.1	GGGG		44	28
11424N	4605N	2464-17411	00000/0000	2-10018/0442	04/30/76	0	6470	50.9	133.5	GGGG		44	28
11426N	4603N	2572-17382	00000/0000	2-10021/1069	08/16/76	70	7976	48.4	131.4	GGGG		44	28
11427N	4605N	2590-17375	00000/0000	2-10022/0403	09/03/76	0	8227	43.6	137.3	GGGG		44	28
11427N	4601N	2554-17355	00000/0000	2-10021/0361	07/29/76	10	7725	52.4	126.3	GGGG		44	28
11427N	4557N	2482-17405	00000/0000	2-10018/1212	05/18/76	10	6721	54.9	129.1	GGGG		44	28
11428N	4604N	2716-17331	00000/0000	2-10026/0291	01/07/77	80	9984	15.4	148.8	GGGG		44	28
11428N	4602N	2428-17422	00000/0000	2-10017/0337	03/25/76	90	5968	38.7	139.8	GGGF		44	28
11429N	4604N	2698-17335	00000/0000	2-10025/1429	12/20/76	0	9733	15.2	151.3	GGGG		44	28
11430N	4556N	2536-17392	00000/0000	2-10020/0686	07/11/76	10	7474	55.3	123.1	FGGG		44	28
11430N	4554N	2500-17402	00000/0000	2-10019/0661	06/05/76	10	6972	57.0	125.0	GGGG		44	28
11430N	3315N	2461-17275	00000/0000	2-10018/0321	04/27/76	0	6428	55.3	115.9	GGGG		41	37
11431N	4559N	2608-17372	00000/0000	2-10022/1274	09/21/76	20	8478	38.1	142.9	GGGG		44	28
11431N	4558N	2680-17344	00000/0000	2-10025/0841	12/02/76	10	9482	17.3	152.7	GGGG		44	28
11431N	4551N	2518-17395	00000/0000	2-10019/1401	06/23/76	90	7223	57.0	122.6	GGGG		44	28
11431N	3316N	2443-17282	00000/0000	2-10017/1181	04/09/76	0	6177	50.5	122.7	GFFF		41	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS=BAD, NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR)  
 MSS DATA MODE ..... (BLANK)=UNCOMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0696

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11432N	3310N	2479-17272	00000/0000	2-10018/1110	05/15/76	0	6679	58.4	108.6	GGGG		41	37
11433N	3315N	2713-17135	00000/0000	2-10026/0254	01/04/77	80	9942	24.5	143.6	GGGG		41	37
11433N	3314N	2569-17250	00000/0000	2-10021/0948	08/13/76	0	7934	53.6	112.7	GGGG		41	37
11433N	3309N	2551-17253	00000/0000	2-10021/0200	07/26/76	10	7683	56.1	105.3	GGGG		41	37
11434N	4553N	2410-17425	00000/0000	2-10016/0870	03/07/76	10	5717	31.9	142.2	GGGG		44	28
11434N	4552N	2392-17432	00000/0000	2-10016/1079	02/18/76	90	5466	25.5	144.8	FGFG		44	28
11434N	4552N	2662-17352	00000/0000	2-10025/0311	11/14/76	10	9231	21.3	152.7	GGGG		44	28
11434N	4551N	2374-17435	00000/0000	2-10015/0365	01/31/76	10	5215	20.4	147.5	GGGG		44	28
11434N	4150N	2463-17365	00000/0000	2-10018/0328	04/29/76	20	6456	52.7	127.9	GGGG		43	31
11434N	3311N	2425-17290	00000/0000	2-10017/0403	03/22/76	0	5926	44.6	128.3	GGGG		41	37
11434N	3307N	2497-17270	00000/0000	2-10019/0140	06/02/76	0	6930	59.6	102.6	GGGG		41	37
11435N	4555N	2626-17364	00000/0000	2-10023/0651	10/09/76	10	8729	32.3	147.7	GGGG		44	28
11435N	4551N	2644-17361	00000/0000	2-10024/0048	10/27/76	10	8980	26.5	151.0	GGGG		44	28
11435N	4150N	2445-17372	00000/0000	2-10017/1055	04/11/76	50	6205	47.3	132.5	FGFF		43	31
11435N	3314N	2587-17243	00000/0000	2-10022/0357	08/31/76	10	8185	50.4	121.2	GGGG		41	37
11435N	3312N	2695-17203	00000/0000	2-10025/1354	12/17/76	10	9691	25.0	146.0	GGGG		41	37
11435N	3308N	2533-17260	00000/0000	2-10020/0640	07/08/76	20	7432	58.0	100.7	GGGG		41	37
11435N	3303N	2515-17263	00000/0000	2-10019/1309	06/20/76	10	7181	59.3	99.5	GGGG		41	37
11436N	3732N	2462-17322	00000/0000	2-10018/0407	04/28/76	10	6442	54.2	122.0	GGGG		42	34
11437N	4857N	2465-17461	00000/0000	2-10018/0470	05/01/76	10	6484	49.6	137.0	GGGG		45	26
11437N	4149N	2571-17335	00000/0000	2-10021/1027	08/15/76	90	7962	50.5	125.6	GGGG		43	31
11437N	3731N	2444-17325	00000/0000	2-10017/1220	04/10/76	10	6191	49.0	127.7	GGGG		42	34
11437N	3312N	2731-17191	00000/0000	2-10024/0765	01/22/77	50	193	26.1	140.1	GGGG		41	37
11437N	3310N	2605-17240	00000/0000	2-10022/1194	09/18/76	0	8436	46.4	129.6	GGGG		41	37
11437N	3308N	2677-17212	00000/0000	2-10025/0764	11/29/76	0	9440	27.6	146.9	GGGG		41	37
11438N	4857N	2447-17464	00000/0000	2-10017/1276	04/13/76	90	6233	43.9	140.0	GGGG		45	26
11438N	4150N	2569-17332	00000/0000	2-10022/0393	09/02/76	0	8213	46.2	132.3	GGGG		43	31
11438N	4142N	2431-17362	00000/0000	2-10018/1190	05/17/76	0	6707	56.5	122.6	GGGG		43	31
11438N	3727N	2480-17315	00000/0000	2-10018/1133	05/16/76	0	6693	57.7	115.7	GGGG		42	34
11438N	3308N	2659-17220	00000/0000	2-10025/0188	11/11/76	0	9189	31.7	145.8	GGGG		41	37
11439N	4143N	2553-17342	00000/0000	2-10021/0250	07/28/76	10	7711	54.1	119.6	GGGG		43	31
11439N	3724N	2552-17300	00000/0000	2-10021/0254	07/27/76	10	7697	55.4	112.6	GGGG		42	34
11440N	4855N	2573-17431	00000/0000	2-10021/1107	08/17/76	60	7990	46.7	135.2	FGGG		45	26
11440N	4149N	2715-17234	00000/0000	2-10026/0282	01/06/77	20	9970	18.5	147.1	FFFF		43	31
11440N	4146N	2697-17233	00000/0000	2-10025/1402	12/19/76	0	9719	18.5	149.6	GGGG		43	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0697

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11440W	4144N	2427-17375	00000/0000	2-10017/0454	03/24/76	90	5954	40.9	136.1	GGGG		43	31
11440W	4139N	2499-17355	00000/0000	2-10019/0583	06/04/76	0	6958	58.3	117.8	GGGG		43	31
11440W	3731N	2570-17292	00000/0000	2-10021/1013	08/14/76	80	7968	52.3	119.3	GGGG		42	34
11440W	3730N	2714-17242	00000/0000	2-10026/0275	01/05/77	80	9956	21.5	145.4	FGGG		42	34
11440W	3726N	2426-17332	00000/0000	2-10017/0316	03/23/76	20	5940	42.9	132.3	GGGG		42	34
11440W	3303N	2623-17232	00000/0000	2-10022/0543	10/06/76	0	8687	41.8	137.0	GGGG		41	37
11440W	3302N	2641-17225	00000/0000	2-10023/1319	10/24/76	0	8938	36.7	142.5	GGGG		41	37
11440W	3300N	2371-17302	00000/0000	2-10015/0261	01/28/76	0	5173	28.7	141.4	GGGG		41	37
11441W	4854N	2717-17380	00000/0000	2-10026/0301	01/08/77	30	9998	13.4	149.9	GGGG		45	26
11441W	4133N	2517-17353	00000/0000	2-10019/1391	06/22/76	10	7209	58.3	115.1	GGGG		43	31
11441W	3731N	2588-17285	00000/0000	2-10022/0467	09/01/76	0	8199	48.5	126.9	GGGG		42	34
11441W	3300N	2349-17300	00000/0000	2-10015/0942	02/15/76	10	5424	33.0	137.4	GGGG		41	37
11442W	4855N	2699-17345	00000/0000	2-10025/1456	12/21/76	20	9747	13.0	152.4	GGGG		45	26
11442W	4854N	2429-17471	00000/0000	2-10017/0486	03/26/76	70	5982	37.3	142.3	GGGG		45	26
11442W	4854N	2591-17424	00000/0000	2-10022/0522	09/04/76	10	8241	41.6	140.5	GGGG		45	26
11442W	4849N	2555-17434	00000/0000	2-10021/0373	07/30/76	100	7739	51.0	130.6	GGGG		45	26
11442W	4846N	2433-17454	00000/0000	2-10018/1244	05/19/76	10	6735	53.8	133.2	GGGG		45	26
11442W	4141N	2607-17325	00000/0000	2-10022/1249	09/20/76	0	8464	41.2	138.8	GGGG		43	31
11442W	4137N	2535-17350	00000/0000	2-10020/0620	07/10/76	0	7460	56.7	115.8	GGGG		43	31
11442W	3730N	2626-17250	00000/0000	2-10025/1364	12/18/76	0	9705	21.8	147.8	GGGG		42	34
11442W	3720N	2516-17310	00000/0000	2-10019/1347	06/21/76	10	7195	59.1	107.3	GGGG		42	34
11443W	4140N	2679-17301	00000/0000	2-10025/0821	12/01/76	10	9468	20.8	150.8	GGGG		43	31
11443W	4136N	2409-17382	00000/0000	2-10016/0829	03/06/76	0	5703	34.2	139.2	GGGG		43	31
11443W	3726N	2606-17232	00000/0000	2-10022/1218	09/19/76	10	8450	43.9	134.4	GGGG		42	34
11443W	3722N	2534-17303	00000/0000	2-10020/0664	07/09/76	0	7446	57.6	108.3	GGGG		42	34
11444W	4848N	2681-17393	00000/0000	2-10025/0871	12/03/76	80	9496	14.9	153.9	FGGG		45	26
11444W	3302N	2407-17293	00000/0000	2-10016/0763	03/04/76	10	5675	38.5	133.1	GGGG		41	37
11445W	4843N	2501-17451	00000/0000	2-10019/0647	06/06/76	90	6986	55.8	129.5	GGGG		45	26
11445W	4139N	2661-17310	00000/0000	2-10025/0859	11/13/76	0	9217	24.8	150.5	GGGG		43	31
11445W	4135N	2643-17314	00000/0000	2-10023/1400	10/26/76	50	8966	30.0	148.4	GGGG		43	31
11445W	3725N	2678-17255	00000/0000	2-10025/0785	11/30/76	0	9454	24.3	148.9	GGFG		42	34
11445W	3723N	2660-17253	00000/0000	2-10025/0241	11/12/76	70	9203	28.3	148.3	GGGG		42	34
11446W	4843N	2519-17445	00000/0000	2-10019/1429	06/24/76	80	7237	55.9	127.4	GGGG		45	26
11446W	4135N	2373-17392	00000/0000	2-10015/0275	01/30/76	0	5201	23.2	145.5	FGGG		43	31
11446W	3721N	2372-17345	00000/0000	2-10015/0038	01/29/76	0	5187	25.9	143.5	GGGF		42	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0498

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUN ORBIT PATH NUM.	FRAME ROW NUM.
11446	3719N	2642-17271	00000/0000	2-10023/1360	10/25/76	10	8952	33.4	145.5		
11447	4846N	2609-17421	00000/0000	2-10022/1284	09/22/76	10	8492	35.9	145.5	GGGG	42 34
11447	4139N	2625-17322	00000/0000	2-10023/0579	10/08/76	0	8715	35.6	144.4	GGGG	45 26
11447	3721N	2624-17275	00000/0000	2-10023/0607	10/07/76	0	8701	38.8	140.8	GGGG	43 31
11448	4131N	2391-17390	00000/0000	2-10015/1023	02/17/76	80	5452	23.1	142.3	GGGG	42 34
11448	3716N	2390-17343	00000/0000	2-10015/0996	02/16/76	50	5438	30.6	139.9	GGGG	43 31
11450	4842N	2627-17414	00000/0000	2-10023/0662	10/10/76	40	8743	29.9	149.8	GFGG	42 34
11450	4842N	2663-17402	00000/0000	2-10025/0341	11/15/76	60	9245	18.8	154.1	GGGG	45 26
11450	4841N	2645-17410	00000/0000	2-10024/0061	10/28/76	20	8994	24.0	152.8	GGGG	45 26
11450	4840N	2375-17484	00000/0000	2-10015/0345	02/01/76	30	5229	18.6	148.8	GGGG	45 26
11450	4840N	2411-17475	00000/0000	2-10016/0926	03/08/76	40	5731	30.4	144.2	GGGG	45 26
11455	3148N	2461-17282	00000/0000	2-10018/0322	04/27/76	10	6428	55.6	113.7	GGGG	45 26
11456	3150N	2443-17285	00000/0000	2-10017/1182	04/09/76	10	6177	51.0	120.8	GGGG	41 38
11457	4443N	2446-17421	00000/0000	2-10017/1267	04/12/76	70	6219	46.1	135.5	GFGG	41 38
11457	3143N	2479-17275	00000/0000	2-10014/1111	05/15/76	0	6679	58.6	106.1	FGGG	44 29
11458	4439N	2464-17414	00000/0000	2-10018/0443	04/30/76	0	6470	51.6	131.6	GGGG	41 38
11458	3148N	2549-17252	00000/0000	2-10021/0949	08/13/76	10	7934	53.9	110.5	GGGG	44 29
11459	4438N	2572-17344	00000/0000	2-10021/1070	08/16/76	70	7976	49.1	129.6	GGGG	41 38
11459	3147N	2713-17201	00000/0000	2-10026/0255	01/04/77	80	9942	25.5	142.9	GGGG	44 29
11459	3145N	2425-17292	00000/0000	2-10017/0404	03/22/76	0	5926	45.3	126.8	GFGG	41 38
11459	3144N	2551-17252	00000/0000	2-10021/0201	07/26/76	30	7683	56.2	103.0	GGGG	41 38
11459	3141N	2497-17272	00000/0000	2-10019/0141	06/02/76	10	6930	59.6	99.9	GGGG	41 38
11500	4440N	2590-17341	00000/0000	2-10022/0404	09/03/76	0	8227	44.4	135.8	GGGG	41 38
11500	3142N	2533-17262	00000/0000	2-10020/0641	07/08/76	10	7432	58.0	98.2	GGGG	44 29
11500	3137N	2515-17270	00000/0000	2-10019/1310	06/20/76	10	7181	59.2	96.9	GGGG	41 38
11501	4435N	2554-17392	00000/0000	2-10021/0362	07/29/76	80	7725	52.9	124.2	GGGG	41 38
11501	4433N	2482-17411	00000/0000	2-10018/1213	05/18/76	10	6721	55.6	126.9	GGGG	44 29
11501	3148N	2587-17245	00000/0000	2-10022/0358	08/31/76	0	8185	50.9	119.3	GGGG	44 29
11501	3146N	2695-17210	00000/0000	2-10025/1355	12/17/76	10	9691	26.1	145.4	GGGG	41 38
11502	4438N	2716-17334	00000/0000	2-10026/0292	01/07/77	80	9984	16.5	148.1	FGGG	41 38
11502	4436N	2428-17424	00000/0000	2-10017/0338	03/25/76	90	5968	39.6	138.6	GGGG	44 29
11502	3145N	2731-17192	00000/0000	2-10026/0766	01/22/77	20	193	27.1	139.4	GGGG	44 29
11502	3144N	2605-17242	00000/0000	2-10022/1195	09/18/76	10	8436	47.1	128.1	GGGG	41 38
11502	3142N	2677-17214	00000/0000	2-10025/0765	11/29/76	0	9440	28.7	146.2	GFGG	41 38
11503	4439N	2698-17342	00000/0000	2-10025/1430	12/20/76	0	9733	16.3	150.7	GGGG	44 29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0699

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ERRIT JMPER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11504	4433	2680-17350	00000/0000	2-10025/0842	12/02/76	0	9482	18.4	152.1	GGGG	44	29
11504	4430	2536-17395	00000/0000	2-10020/0687	07/11/76	30	7474	55.8	120.8	FGGG	44	29
11504	4429	2500-17405	00000/0000	2-10019/0662	06/05/76	10	6972	57.5	122.5	GGGG	44	29
11504	4025	2463-17371	00000/0000	2-10018/0329	04/29/76	10	6456	53.3	125.9	GGGG	43	32
11504	3606	2444-17331	00000/0000	2-10017/1221	04/10/76	0	6191	49.6	125.9	GGGG	42	35
11504	3606	2462-17324	00000/0000	2-10018/0408	04/28/76	20	6442	54.7	119.9	GGGG	42	35
11504	3142	2659-17223	00000/0000	2-10025/0189	11/11/76	10	9189	32.7	145.0	GGGG	41	38
11505	4433	2608-17374	00000/0000	2-10022/1275	09/21/76	30	8478	39.1	141.7	GGGG	44	29
11505	4426	2518-17402	00000/0000	2-10019/1402	06/23/76	30	7223	57.5	120.1	GGGG	44	29
11505	4024	2445-17374	00000/0000	2-10017/1056	04/11/76	70	6205	48.0	130.8	FGFF	43	32
11505	3601	2480-17322	00000/0000	2-10014/1134	05/16/76	0	6693	58.0	113.3	GGGG	42	35
11505	3137	2641-17231	00000/0000	2-10023/1320	10/24/76	10	8938	37.6	141.5	GGGG	41	38
11505	3134	2371-17305	00000/0000	2-10015/0262	01/28/76	0	5173	29.6	140.6	GGGG	41	38
11506	3138	2623-17235	00000/0000	2-10023/0544	10/06/76	10	8687	42.6	135.7	GGGG	41	38
11506	3134	2389-17303	00000/0000	2-10015/0930	02/15/76	10	5424	33.8	136.4	G	41	38
11507	4428	2392-17435	00000/0000	2-10015/1080	02/18/76	80	5466	26.5	143.9	GGGG	44	29
11507	4024	2571-17342	00000/0000	2-10021/1028	08/15/76	80	7962	51.1	123.7	GGGG	43	32
11507	3605	2570-17295	00000/0000	2-10021/1014	08/14/76	70	7948	52.7	117.2	GGGG	42	35
11507	3604	2714-17244	00000/0000	2-10026/0276	01/05/77	90	9956	22.5	144.7	GGGG	42	35
11507	3559	2552-17302	00000/0000	2-10021/0255	07/27/76	30	7697	55.6	110.3	GGGG	42	35
11507	3558	2498-17315	00000/0000	2-10019/0541	06/03/76	0	6944	59.4	107.6	GGGG	42	35
11508	4430	2626-17371	00000/0000	2-10023/0652	10/09/76	0	8729	33.3	146.7	GGGG	44	29
11508	4428	2410-17432	00000/0000	2-10016/0871	03/07/76	0	5717	32.8	141.2	GGGG	44	29
11508	4428	2662-17355	00000/0000	2-10025/0312	11/14/76	40	9231	22.4	150.0	GGGG	44	29
11508	4426	2374-17441	00000/0000	2-10015/0366	01/31/76	0	5215	21.4	146.7	GGGG	44	29
11508	4017	2431-17364	00000/0000	2-10018/1191	05/17/76	0	6707	57.0	120.2	GGGG	43	32
11508	3605	2598-17292	00000/0000	2-10022/0468	09/01/76	0	8199	49.1	125.2	GGGG	42	35
11508	3600	2426-17335	00000/0000	2-10017/0317	03/23/76	20	5940	43.6	130.9	GGGG	42	35
11509	4426	2644-17363	00000/0000	2-10024/0049	10/27/76	10	8980	27.6	150.2	GGGG	44	29
11509	4024	2589-17335	00000/0000	2-10022/0394	09/02/76	0	8213	46.9	130.7	GGGG	43	32
11509	4018	2553-17345	00000/0000	2-10021/0281	07/28/76	20	7711	54.5	117.4	GGGG	43	32
11509	3603	2636-17253	00000/0000	2-10025/1365	12/18/76	20	9705	22.9	147.2	GGGG	42	35
11509	3554	2516-17312	00000/0000	2-10019/1348	06/21/76	10	7195	59.2	104.7	GGGG	42	35
11510	4023	2715-17241	00000/0000	2-10026/0283	01/06/77	10	9970	19.5	146.5	GGGG	43	32
11510	4020	2697-17295	00000/0000	2-10025/1403	12/19/76	0	9719	19.6	149.0	GGGG	43	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0700

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11510	4019N	2427-17382	00000/0000	2-10017/0455	03/24/76	40	5954	41.7	134.8	GGFG		43	32
11510	4014N	2499-17362	00000/0000	2-10019/0584	05/04/76	0	6958	58.7	115.2	GGGG		43	32
11510	3558N	2534-17305	00000/0000	2-10020/0665	07/09/76	0	7446	57.8	105.8	GGGG		42	35
11511	4012N	2535-17352	00000/0000	2-10020/0621	07/10/76	0	7460	57.1	113.4	GGGG		43	32
11511	4009N	2517-17355	00000/0000	2-10019/1392	06/22/76	60	7209	58.6	112.5	GGGG		43	32
11511	3559N	2606-17245	00000/0000	2-10022/1219	09/19/76	10	8450	44.7	133.0	GGGG		42	35
11512	3559N	2678-17261	00000/0000	2-10025/0786	11/30/76	0	9454	25.3	148.3	GGFG		42	35
11513	4016N	2607-17332	00000/0000	2-10022/1250	09/20/76	20	8464	42.0	137.5	FGGG		43	32
11513	4015N	2679-17304	00000/0000	2-10024/0822	12/01/76	0	9468	21.9	150.2	GGFG		43	32
11513	4011N	2409-17355	00000/0000	2-10016/0830	03/06/76	0	5703	35.1	138.2	GGFG		43	32
11513	3557N	2650-17270	00000/0000	2-10025/0242	11/12/76	90	9203	29.4	147.5	GGGG		42	35
11513	3554N	2642-17274	00000/0000	2-10023/1361	10/25/76	10	8952	34.4	144.6	GGGG		42	35
11514	4010N	2643-17320	00000/0000	2-10023/1401	10/26/76	50	8966	31.1	147.5	GGGG		43	32
11514	3556N	2372-17352	00000/0000	2-10015/0039	01/29/76	0	5187	26.9	142.7	GGGG		42	35
11514	3556N	2624-17262	00000/0000	2-10023/0608	10/07/76	0	8701	39.7	139.7	GGGG		42	35
11515	4732N	2447-17470	00000/0000	2-10017/1277	04/13/76	90	6233	44.8	138.4	GGGG		45	27
11515	4014N	2661-17312	00000/0000	2-10025/0260	11/13/76	10	9217	25.9	149.8	GGGG		43	32
11515	3551N	2390-17345	00000/0000	2-10015/0997	02/16/76	10	5438	31.5	139.0	GGGG		42	35
11516	4009N	2373-17395	00000/0000	2-10015/0276	01/30/76	10	5201	24.2	144.7	FGGF		43	32
11517	4730N	2573-17434	00000/0000	2-10021/1108	08/17/76	50	7990	47.4	133.5	GGGG		45	27
11517	4729N	2717-17342	00000/0000	2-10026/0302	01/08/77	70	9998	14.5	149.2	GGGG		45	27
11517	4013N	2625-17324	00000/0000	2-10023/0540	10/08/76	0	8715	36.6	143.3	GGGG		43	32
11518	4730N	2639-17331	00000/0000	2-10025/1457	12/21/76	30	9747	14.1	151.8	PGGG		45	27
11518	4728N	2591-17431	00000/0000	2-10022/0523	09/04/76	0	8241	42.4	139.0	GGGG		45	27
11518	4725N	2555-17441	00000/0000	2-10021/0374	07/30/76	90	7739	51.6	128.6	GGGG		45	27
11518	4721N	2483-17460	00000/0000	2-10018/1245	05/19/76	10	6735	54.5	131.0	GGGG		45	27
11518	4006N	2391-17392	00000/0000	2-10015/1024	02/17/76	80	5452	29.1	141.4	GGGG		43	32
11519	4729N	2429-17474	00000/0000	2-10017/0487	03/26/76	90	5982	38.2	141.0	GGFG		45	27
11520	4723N	2641-17400	00000/0000	2-10025/0872	12/03/76	40	9496	16.0	153.3	GGGG		45	27
11521	4718N	2537-17444	00000/0000	2-10020/0805	07/12/76	90	7488	54.7	125.4	FFGF		45	27
11522	4718N	2501-17454	00000/0000	2-10019/0648	06/06/76	80	6986	56.5	127.2	GGGG		45	27
11522	4718N	2519-17451	00000/0000	2-10019/1430	06/24/76	80	7237	56.4	125.0	GGGG		45	27
11524	4722N	2609-17424	00000/0000	2-10022/1285	09/22/76	10	8492	36.9	144.3	GGGG		45	27
11526	4717N	2627-17420	00000/0000	2-10023/0663	10/10/76	30	8743	31.0	148.8	GGGG		45	27
11526	4717N	2663-17434	00000/0000	2-10025/0342	11/15/76	90	9245	19.9	153.4	GGGG		45	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODF ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 23, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0701

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLUD COVER %	SUN NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11526.4	4716N	2375-17491	00000/0000	2-10015/0346	02/01/76	10	5229	19.6	148.0	GGGG	45	27
11526.4	4716N	2645-17412	00000/0000	2-10024/0062	10/28/76	10	8994	25.1	152.0	GGGG	45	27
11527.4	4716N	2411-17481	00000/0000	2-10016/0927	03/08/76	10	5731	31.4	143.1	GGGG	45	27
11529.4	4318N	2446-17423	00000/0000	2-10017/1268	04/12/76	90	6219	46.8	133.9	GGGG	44	30
11530.4	5007N	2502-17503	00000/0000	2-10019/0246	06/07/76	50	7000	55.3	131.6	GGGG	46	25
11530.4	4314N	2464-17420	00000/0000	2-10018/0444	04/30/76	10	6470	52.3	129.6	GGGG	44	30
11531.4	3440N	2444-17334	00000/0000	2-10017/1222	04/10/76	0	6191	50.2	124.1	GGGG	42	36
11531.4	3440N	2462-17331	00000/0000	2-10018/0409	04/28/76	10	6442	55.1	117.7	GGGG	42	36
11532.4	5009N	2538-17493	00000/0000	2-10020/0850	07/13/76	80	7502	53.3	130.0	GGGG	46	25
11532.4	4313N	2572-17391	00000/0000	2-10021/1071	08/16/76	60	7976	49.7	127.8	GGGG	44	30
11532.4	3434N	2480-17324	00000/0000	2-10018/1135	05/16/76	0	6693	58.3	110.8	GGGG	42	36
11533.4	5006N	2520-17500	00000/0000	2-10020/0030	06/25/76	90	7251	55.2	129.6	GGGG	46	25
11533.4	4314N	2590-17354	00000/0000	2-10022/0405	09/03/76	10	8227	45.2	134.2	GGGG	44	30
11533.4	4307N	2482-17414	00000/0000	2-10018/1214	05/18/76	0	6721	56.1	124.6	GGGG	44	30
11533.4	3859N	2463-17374	00000/0000	2-10018/0330	04/29/76	10	6456	53.9	123.8	GGGG	43	33
11533.4	3439N	2570-17301	00000/0000	2-10021/1015	08/14/76	20	7948	53.1	115.2	GGGG	42	36
11533.4	3434N	2552-17305	00000/0000	2-10021/0256	07/27/76	20	7697	55.8	108.0	GGGG	42	36
11534.4	4312N	2716-17340	00000/0000	2-10026/0293	01/07/77	80	9984	17.5	147.5	GGGG	44	30
11534.4	4311N	2428-17431	00000/0000	2-10017/0339	03/25/76	70	5968	40.4	137.3	GGGG	44	30
11534.4	4310N	2554-17394	00000/0000	2-10021/0363	07/29/76	90	7725	53.4	122.1	GGGG	44	30
11534.4	3859N	2445-17381	00000/0000	2-10017/1057	04/11/76	50	6205	48.7	129.1	GGGG	43	33
11534.4	3439N	2558-17294	00000/0000	2-10022/0469	09/01/76	0	8199	49.7	123.4	GGGG	42	36
11534.4	3439N	2714-17251	00000/0000	2-10026/0277	01/05/77	30	9956	23.5	144.1	GGGG	42	36
11534.4	3432N	2498-17321	00000/0000	2-10019/0542	06/03/76	0	6944	59.5	105.0	GGGG	42	36
11535.4	4314N	2698-17344	00000/0000	2-10025/1431	12/20/76	0	9733	17.4	150.1	GGGG	44	30
11535.4	4304N	2500-17411	00000/0000	2-10019/0663	06/05/76	0	6972	58.0	120.1	GGGG	44	30
11535.4	3438N	2696-17255	00000/0000	2-10025/1366	12/18/76	10	9705	23.9	146.6	GGGG	42	36
11535.4	3425N	2426-17341	00000/0000	2-10017/0318	03/23/76	10	5940	44.3	129.4	GGGG	46	25
11536.4	5004N	2394-17533	00000/0000	2-10016/0175	02/20/76	30	5494	23.3	147.1	GGGG	44	30
11536.4	4305N	2536-17401	00000/0000	2-10020/0688	07/11/76	50	7474	56.2	118.4	GGGG	43	33
11536.4	3858N	2571-17344	00000/0000	2-10021/1029	08/15/76	70	7962	51.6	121.7	GGGG	42	36
11536.4	3851N	2481-17371	00000/0000	2-10018/1192	05/17/76	0	6707	57.4	117.8	GGGG	43	33
11536.4	3432N	2534-17312	00000/0000	2-10020/0666	07/09/76	0	7446	57.9	103.3	GGGG	42	36
11536.4	3428N	2516-17315	00000/0000	2-10019/1349	06/21/76	10	7195	59.2	102.1	GGGG	46	25
11537.4	5007N	2628-17465	00000/0000	2-10023/0714	10/11/76	50	8757	28.5	151.0	GGGG		

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0702

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN RBL RBV	RBL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAMING RBV NUM.
11537.4	5005V	2646-17462	00000/0000	2-10024/0123	10/29/76	60	9008	22.6	153.7	GGGG		46	25
11537.4	4308V	2608-17381	00000/0000	2-10027/1276	09/21/76	90	8478	40.0	140.4	GGGG		44	30
11537.4	4308V	2680-17353	00000/0000	2-10025/0843	12/02/76	10	9482	19.5	151.5	FFFF		44	30
11537.4	4301V	2618-17404	00000/0000	2-10019/1403	06/23/76	10	7223	57.9	117.6	GGGG		44	30
11538.4	3858V	2589-17341	00000/0000	2-10027/0395	09/02/76	0	8213	47.6	129.1	GGGF		43	33
11538.4	3852V	2553-17351	00000/0000	2-10021/0282	07/28/76	40	7711	54.9	115.2	GGGG		43	33
11538.4	3848V	2499-17364	00000/0000	2-10019/0585	06/04/76	0	6958	59.0	112.6	GGGG		43	33
11538.4	3434V	2606-17291	00000/0000	2-10022/1220	09/19/76	0	8450	45.5	131.5	GGGG		42	36
11539.4	4303V	2392-17441	00000/0000	2-10015/1081	02/18/76	20	5466	27.5	143.0	GGGG		44	30
11539.4	4303V	2410-17434	00000/0000	2-10016/0872	03/07/76	0	5717	33.7	140.1	GGGG		44	30
11539.4	3857V	2715-17293	00000/0000	2-10026/0284	01/06/77	10	9970	20.5	145.8	GGGG		43	33
11539.4	3854V	2697-17302	00000/0000	2-10025/1404	12/19/76	0	9719	20.7	148.3	GGGG		43	33
11539.4	3853V	2427-17384	00000/0000	2-10017/0456	03/24/76	30	5954	42.4	133.4	GGFG		43	33
11539.4	3433V	2678-17264	00000/0000	2-10025/0787	11/30/76	0	9454	26.4	147.6	GGFG		42	36
11539.4	3432V	2660-17272	00000/0000	2-10025/0243	11/12/76	90	9203	30.4	146.7	GGGG		42	36
11540.4	4303V	2662-17361	00000/0000	2-10025/0313	11/14/76	100	9231	23.5	151.3	GGGG		44	30
11540.4	4301V	2374-17444	00000/0000	2-10015/0367	01/31/76	0	5215	22.4	146.0	GGGG		44	30
11540.4	3847V	2535-17355	00000/0000	2-10020/0622	07/10/76	0	7460	57.3	110.9	GGGG		43	33
11540.4	3844V	2517-17362	00000/0000	2-10019/1393	06/22/76	70	7209	58.8	109.9	GGGG		43	33
11540.4	3428V	2642-17280	00000/0000	2-10023/1362	10/25/76	10	8952	35.4	143.7	GGGG		42	36
11541.4	4305V	2626-17373	00000/0000	2-10023/0653	10/09/76	0	8729	34.3	145.7	GGGG		44	30
11541.4	3430V	2372-17354	00000/0000	2-10015/0040	01/29/76	0	5187	27.9	142.0	GGGG		42	36
11541.4	3430V	2624-17284	00000/0000	2-10023/0609	10/07/76	0	8701	40.6	138.5	GGGG		42	36
11542.4	4301V	2644-17370	00000/0000	2-10024/0060	10/27/76	10	8980	28.6	149.4	GGGG		44	30
11542.4	3850V	2607-17334	00000/0000	2-10022/1251	09/20/76	50	8464	42.9	136.1	GGGG		43	33
11542.4	3849V	2679-17310	00000/0000	2-10025/0823	12/01/76	0	9468	23.0	149.6	GGGG		43	33
11542.4	3845V	2409-17392	00000/0000	2-10016/0831	03/06/76	0	5703	36.0	137.1	GGFG		43	33
11542.4	3425V	2390-17352	00000/0000	2-10015/0998	02/16/76	0	5438	32.4	138.1	GGGG		42	36
11543.4	3844V	2643-17323	00000/0000	2-10023/1402	10/26/76	40	8966	32.1	146.6	GGGG		43	33
11544.4	3849V	2661-17315	00000/0000	2-10025/0261	11/13/76	20	9217	27.0	149.1	GGGG		43	33
11545.4	3844V	2373-17401	00000/0000	2-10015/0277	01/30/76	10	5201	25.2	144.0	GGGF		43	33
11546.4	3847V	2625-17331	00000/0000	2-10023/0581	10/08/76	0	8715	37.6	142.2	GGGG		43	33
11547.4	3840V	2391-17395	00000/0000	2-10015/1025	02/17/76	60	5452	30.0	140.5	GGGG		43	33
11548.4	4607V	2465-17470	00000/0000	2-10018/0471	05/01/76	0	6484	51.1	133.3	GGG		45	28
11552.4	4604V	2717-17385	00000/0000	2-10026/0303	01/08/77	70	9998	15.5	148.6	GGGG		45	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0703

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11553N 4605N	2573-17440	00000/0000	2-10021/1109	08/17/76	30	7990	48.1	131.8	GGGG			45	28
11553N 4605N	2699-17394	00000/0000	2-10025/1458	12/21/76	40	9747	15.2	151.1	PGGG			45	28
11553N 4600N	2555-17443	00000/0000	2-10021/0375	07/30/76	40	7739	52.2	126.5	GGGG			45	28
11553N 4556N	2483-17463	00000/0000	2-10018/1246	05/19/76	0	6735	55.1	128.8	GGGG			45	28
11554N 4604N	2429-17430	00000/0000	2-10017/0488	03/26/76	80	5982	39.1	139.7	FGGG			45	28
11554N 4604N	2591-17433	00000/0000	2-10022/0524	09/04/76	0	8241	43.3	137.6	GGGG			45	28
11555N 4558N	2681-17402	00000/0000	2-10025/0873	12/03/76	10	9496	17.2	152.7	PGGG			45	28
11555N 4553N	2537-17451	00000/0000	2-10020/0806	07/12/76	90	7488	55.2	123.2	GFPG			45	28
11556N 4554N	2519-17454	00000/0000	2-10019/1431	06/24/76	60	7237	56.9	122.6	GGGG			45	28
11557N 4553N	2501-17460	00000/0000	2-10019/0649	06/06/76	70	6986	57.0	124.8	GGGG			45	28
11557N 3314N	2444-17340	00000/0000	2-10017/1223	04/10/76	10	6191	50.8	122.3	GGGG			42	37
11557N 3314N	2462-17333	00000/0000	2-10018/0410	04/28/76	30	6442	55.5	115.5	GGGG			42	37
11558N 3309N	2480-17331	00000/0000	2-10018/1136	05/16/76	0	6693	58.5	108.2	GGGG			42	37
11559N 4556N	2609-17430	00000/0000	2-10022/1286	09/22/76	70	8492	37.8	143.2	GGGG			45	28
11559N 3313N	2570-17304	00000/0000	2-10021/1016	08/14/76	10	7948	53.5	113.1	GGGG			42	37
11559N 3309N	2552-17311	00000/0000	2-10021/0257	07/27/76	10	7697	56.0	105.6	GGGG			42	37
11600N 4152N	2446-17430	00000/0000	2-10017/1269	04/12/76	90	6219	47.6	132.3	FGGG			44	31
11600N 3313N	2588-17301	00000/0000	2-10022/0470	09/01/76	10	8199	50.2	121.6	GGGG			42	37
11600N 3313N	2714-17253	00000/0000	2-10026/0278	01/05/77	30	9956	24.5	143.4	FGGG			42	37
11600N 3307N	2498-17324	00000/0000	2-10019/0543	06/03/76	10	6944	59.6	102.3	GGGG			42	37
11601N 4552N	2627-17423	00000/0000	2-10023/0664	10/10/76	10	8743	32.0	147.9	GGGG			45	28
11601N 4552N	2663-17411	00000/0000	2-10025/0343	11/15/76	70	9245	21.0	152.7	GGGG			45	28
11601N 4551N	2375-17493	00000/0000	2-10015/0347	02/01/76	10	5229	20.7	147.3	GGGG			45	28
11601N 4551N	2411-17484	00000/0000	2-10016/0928	03/08/76	10	5731	32.3	142.1	GGGG			45	28
11601N 4551N	2645-17415	00000/0000	2-10024/0063	10/28/76	10	8994	26.2	151.1	GGGG			45	28
11601N 4149N	2464-17423	00000/0000	2-10018/0445	04/30/76	10	6470	53.0	127.6	GGGG			44	31
11601N 3733N	2453-17380	00000/0000	2-10018/0331	04/29/76	0	6456	54.4	121.7	GGGG			43	34
11601N 3312N	2696-17262	00000/0000	2-10025/1367	12/18/76	20	9705	25.0	145.9	GGGG			42	37
11601N 3309N	2426-17344	00000/0000	2-10017/0319	03/23/76	0	5940	45.0	128.0	GGGG			42	37
11601N 3302N	2516-17321	00000/0000	2-10019/1350	06/21/76	10	7195	59.2	99.5	GGGG			42	37
11602N 3734N	2445-17353	00000/0000	2-10017/1058	04/11/76	30	6205	49.3	127.4	GGFG			43	34
11602N 3306N	2534-17314	00000/0000	2-10020/0667	07/09/76	10	7446	57.9	100.8	GGGG			42	37
11603N 4858N	2448-17522	00000/0000	2-10017/1390	04/14/76	90	6247	44.3	139.9	FGGG			46	26
11603N 4857N	2466-17515	00000/0000	2-10019/0532	05/02/76	40	6498	49.9	136.8	GFGG			46	26
11603N 4148N	2572-17393	00000/0000	2-10021/1072	08/16/76	80	7976	50.3	125.9	GGGG			44	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0704

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NR./ IN RBL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBL MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS						123 45678				
11604N	4142N	2482-17420	00000/0000	2-10018/1215	05/18/76	0	6721	56.7	122.3	GGGG		44	31
11604N	3733N	2571-17351	00000/0000	2-10021/1030	08/15/76	10	7962	52.1	119.7	GGGG		43	34
11604N	3726N	2481-17373	00000/0000	2-10018/1193	05/17/76	0	6707	57.8	115.4	GGGG		43	34
11604N	3308N	2606-17294	00000/0000	2-10022/1221	09/19/76	10	8450	46.2	130.1	GGGF		42	37
11605N	4149N	2590-17390	00000/0000	2-10022/0406	09/03/76	0	8227	45.9	132.7	GGGG		44	31
11605N	4147N	2716-17343	00000/0000	2-10026/0294	01/07/77	10	9984	18.5	146.9	GGGG		44	31
11605N	4146N	2428-17433	00000/0000	2-10017/0340	03/25/76	50	5968	41.2	135.9	GGGG		44	31
11605N	4145N	2554-17401	00000/0000	2-10021/0364	07/29/76	90	7725	53.9	120.0	GGGG		44	31
11605N	3308N	2678-17270	00000/0000	2-10025/0788	11/30/76	0	9454	27.4	146.9	GGFG		42	37
11605N	3306N	2660-17275	00000/0000	2-10025/0244	11/12/76	90	9203	31.5	145.9	GGGG		42	37
11606N	4848N	2454-17512	00000/0000	2-10018/1277	05/20/76	100	6749	53.9	133.0	GGGG		46	26
11606N	4149N	2698-17351	00000/0000	2-10025/1432	12/20/76	0	9733	18.4	149.5	FGGG		44	31
11606N	4140N	2536-17404	00000/0000	2-10020/0689	07/11/76	40	7474	56.6	116.0	GGGG		44	31
11606N	4139N	2500-17414	00000/0000	2-10019/0664	06/05/76	0	6972	58.4	117.5	GGGG		44	31
11606N	3733N	2589-17344	00000/0000	2-10022/0396	09/02/76	0	8213	48.2	127.4	GGGG		43	34
11606N	3727N	2553-17354	00000/0000	2-10021/0283	07/28/76	20	7711	55.2	112.9	GGGG		43	34
11606N	3713N	2499-17371	00000/0000	2-10019/0586	06/04/76	0	6958	59.3	110.0	GGGG		43	34
11606N	3302N	2642-17283	00000/0000	2-10023/1363	10/25/76	10	8952	36.4	142.7	GGGG		42	37
11607N	4855N	2592-17482	00000/0000	2-10022/0834	09/05/76	20	8255	41.3	140.8	GGGG		46	26
11607N	4852N	2430-17525	00000/0000	2-10017/0682	03/27/76	80	5996	37.7	142.1	GGGG		46	26
11607N	3727N	2427-17391	00000/0000	2-10017/0457	03/24/76	20	5954	43.2	132.0	GGGG		43	34
11607N	3305N	2624-17291	00000/0000	2-10023/0610	10/07/76	10	8701	41.5	137.3	GGGG		42	37
11607N	3304N	2372-17351	00000/0000	2-10015/0041	01/29/76	0	5187	28.8	141.2	GGFF		42	37
11608N	4854N	2574-17485	00000/0000	2-10021/1193	08/18/76	40	8004	46.4	135.5	GGGG		46	26
11608N	4854N	2700-17443	00000/0000	2-10025/1483	12/22/76	70	9761	12.9	152.2	GGGG		46	26
11608N	4851N	2556-17493	00000/0000	2-10021/0416	07/31/76	20	7753	50.7	130.8	GGGG		46	26
11608N	4842N	2502-17510	00000/0000	2-10019/0247	06/07/76	80	7000	55.9	129.3	GGGF		46	26
11608N	4143N	2608-17383	00000/0000	2-10022/1277	09/21/76	50	8478	40.9	139.2	GGGG		44	31
11608N	4143N	2680-17355	00000/0000	2-10025/0844	12/02/76	0	9482	20.6	150.8	GGGG		44	31
11608N	4136N	2518-17411	00000/0000	2-10019/1404	06/23/76	0	7223	58.2	115.1	GGGG		44	31
11608N	3729N	2697-17304	00000/0000	2-10025/1405	12/19/76	0	9719	21.7	147.7	GGGG		43	34
11608N	3721N	2535-17361	00000/0000	2-10025/0623	07/10/76	10	7460	57.5	108.5	GGGG		43	34
11608N	3718N	2517-17364	00000/0000	2-10019/1394	06/22/76	20	7209	59.0	107.3	GGGG		43	34
11608N	3259N	2330-17354	00000/0000	2-10015/0999	02/16/76	0	5438	33.2	137.1	GGGG		42	37
11610N	4845N	2538-17500	00000/0000	2-10020/0851	07/13/76	20	7502	54.0	127.8	GGGG		46	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS = NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

31:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0705

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
11610N 4138N	2392-17444	00000/0000	2-10015/1082	02/18/76	30	5466	28.4	142.2				44	31
11610N 4138N	2410-17441	00000/0000	2-10016/0873	03/07/76	0	5717	34.6	139.1	GGGG			44	31
11610N 3724N	2607-17341	00000/0000	2-10022/1252	09/20/76	70	8464	43.7	134.8	GGGG			43	34
11610N 3724N	2679-17313	00000/0000	2-10025/0824	12/01/76	0	9468	24.1	148.9	GGGG			43	34
11610N 3720N	2409-17394	00000/0000	2-10016/0832	03/06/76	0	5703	36.8	136.0	GGGG			43	34
11610N 3719N	2643-17325	00000/0000	2-10023/1403	10/26/76	20	8966	33.1	145.7	GGGG			43	34
11611N 4852N	2610-17475	00000/0000	2-10022/1326	09/23/76	40	8506	35.5	145.9	GGGG			46	26
11611N 4842N	2520-17503	00000/0000	2-10020/0031	06/25/76	90	7251	55.8	127.3	FGFF			46	26
11611N 4138N	2662-17364	00000/0000	2-10025/0314	11/14/76	90	9231	24.6	150.6	GGGG			44	31
11611N 4135N	2374-17450	00000/0000	2-10015/0368	01/31/76	0	5215	23.4	145.3	GGGG			44	31
11612N 4139N	2626-17380	00000/0000	2-10023/0654	10/09/76	0	8729	35.3	144.6	GGGG			44	31
11612N 3723N	2661-17321	00000/0000	2-10025/0262	11/13/76	10	9217	28.1	148.4	GGGG			43	34
11613N 4843N	2412-17533	00000/0000	2-10016/0956	03/09/76	60	5745	30.8	144.1	GGGG			46	26
11613N 4136N	2644-17372	00000/0000	2-10024/0051	10/27/76	10	8980	29.7	148.5	GGFG			44	31
11613N 3718N	2373-17404	00000/0000	2-10015/0278	01/30/76	10	5201	26.2	143.3	GGGF			43	34
11614N 3722N	2625-17333	00000/0000	2-10023/0582	10/08/76	0	8715	38.5	141.1	GGGG			43	34
11615N 4842N	2664-17460	00000/0000	2-10025/0394	11/16/76	90	9259	18.6	154.2	GGGG			46	26
11615N 4841N	2646-17464	00000/0000	2-10024/0124	10/29/76	50	9008	23.7	152.9	GGGG			46	26
11615N 4840N	2394-17540	00000/0000	2-10016/0176	02/20/76	20	5494	24.3	146.2	GGGG			46	26
11615N 3714N	2391-17401	00000/0000	2-10015/1026	02/17/76	10	5452	30.9	139.7	GGGF			43	34
11616N 4842N	2628-17472	00000/0000	2-10023/0715	10/11/76	40	8757	29.6	150.0	GGGG			46	26
11618N 4837N	2376-17543	00000/0000	2-10015/0389	02/02/76	60	5243	18.9	148.6	GGGG			46	26
11622N 4442N	2465-17472	00000/0000	2-10018/0472	05/01/76	0	6484	51.9	131.4	GGGG			45	29
11622N 3148N	2462-17340	00000/0000	2-10018/0411	04/28/76	10	6442	55.9	113.2	GGGG			42	38
11623N 3143N	2450-17333	00000/0000	2-10018/1137	05/16/76	30	6693	58.7	105.7	GGGG			42	38
11624N 4441N	2447-17475	00000/0000	2-10017/1278	04/13/76	60	6233	46.4	135.3	GGGG			45	29
11625N 3147N	2570-17310	00000/0000	2-10021/1017	08/14/76	10	7948	53.7	111.0	GGGG			42	38
11625N 3147N	2588-17303	00000/0000	2-10022/0471	09/01/76	40	8199	50.7	119.8	GGGG			42	38
11625N 3142N	2552-17314	00000/0000	2-10021/0258	07/27/76	50	7697	56.1	103.3	GGGG			42	38
11626N 4441N	2573-17443	00000/0000	2-10021/1110	08/17/76	50	7990	48.8	130.0	GGGG			45	29
11626N 4435N	2717-17392	00000/0000	2-10026/0304	01/08/77	10	9998	16.6	148.0	GGGG			45	29
11626N 4432N	2483-17465	00000/0000	2-10018/1747	05/19/76	10	6735	55.7	126.6	GGGG			45	29
11626N 3146N	2696-17264	00000/0000	2-10025/1368	12/18/76	50	9705	26.0	145.3	GGGG			42	38
11626N 3146N	2714-17260	00000/0000	2-10026/0279	01/05/77	60	9956	25.5	142.7	GGGG			42	38
11626N 3143N	2426-17350	00000/0000	2-10017/0320	03/23/76	30	5940	45.6	126.5	GGFG			42	38

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0706

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RSV	ROLL NO./ IN ROLL MSG	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RSV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11626N	3137N	2516-17324	00000/0000	2-10019/1351	06/21/76	20	7195	59.2	96.9	GGGG		42	38
11627N	4440N	2699-17400	00000/0000	2-10025/1459	12/21/76	30	9747	16.2	150.5	GGGG		45	29
11627N	4435N	2555-17450	00000/0000	2-10021/0376	07/30/76	20	7739	52.8	124.5	GGGG		45	29
11628N	4439N	2429-17483	00000/0000	2-10017/0489	03/26/76	60	5982	39.9	138.4	GGGG		45	29
11628N	4439N	2591-17440	00000/0000	2-10022/0525	09/04/76	0	8241	44.1	136.1	GGGG		45	29
11629N	4433N	2681-17405	00000/0000	2-10025/0874	12/03/76	0	9496	18.3	152.0	GFGG		45	29
11629N	4429N	2537-17453	00000/0000	2-10020/0807	07/12/76	60	7488	55.7	120.9	GFGF		45	29
11629N	3606N	2463-17383	00000/0000	2-10018/0332	04/29/76	0	6456	54.9	119.6	GGGG		43	35
11629N	3142N	2606-17300	00000/0000	2-10022/1222	09/19/76	70	8450	46.9	128.5	GGGG		42	38
11629N	3142N	2678-17273	00000/0000	2-10025/0789	11/30/76	0	9454	28.5	146.2	GGGG		42	38
11630N	4429N	2501-17463	00000/0000	2-10019/0650	06/06/76	30	6986	57.5	122.3	GGGG		45	29
11630N	4429N	2519-17460	00000/0000	2-10019/1432	06/24/76	40	7237	57.4	120.1	GGGG		45	29
11630N	4024N	2464-17425	00000/0000	2-10018/0446	04/30/76	10	6470	53.6	125.6	GGGG		44	32
11630N	3608N	2445-17390	00000/0000	2-10017/1059	04/11/76	20	6205	49.9	125.6	FGGF		43	35
11630N	3141N	2660-17281	00000/0000	2-10025/0245	11/12/76	90	9203	32.5	145.1	GGGG		42	38
11631N	4026N	2446-17432	00000/0000	2-10017/1270	04/12/76	90	6219	48.3	130.6	FGGG		44	32
11631N	3137N	2642-17285	00000/0000	2-10023/1364	10/25/76	10	8952	37.4	141.7	GGGG		42	38
11632N	3606N	2571-17353	00000/0000	2-10021/1031	08/15/76	10	7982	52.5	117.7	GGGG		43	35
11632N	3601N	2481-17380	00000/0000	2-10018/1194	05/17/76	0	6707	58.1	112.9	GGGG		43	35
11632N	3139N	2624-17293	00000/0000	2-10023/0611	10/07/76	50	8701	42.4	136.1	GGGG		42	38
11632N	3138N	2372-17363	00000/0000	2-10019/0042	01/29/76	0	5187	29.7	140.4	GFGG		42	38
11633N	4431N	2609-17433	00000/0000	2-10022/1287	09/22/76	60	8492	38.8	141.9	GGGG		45	29
11633N	4016N	2452-17423	00000/0000	2-10018/1216	05/18/76	0	6721	57.1	119.9	GGGG		44	32
11633N	3601N	2553-17360	00000/0000	2-10021/0284	07/28/76	10	7711	55.5	110.7	GGGG		43	35
11633N	3557N	2499-17373	00000/0000	2-10019/0587	06/04/76	0	6958	59.4	107.3	GGGG		43	35
11633N	3133N	2390-17361	00000/0000	2-10015/1000	02/16/76	10	5438	34.1	136.2	GGGG		42	38
11634N	4427N	2627-17425	00000/0000	2-10023/0665	10/10/76	10	8743	33.0	146.9	GGGG		45	29
11634N	4427N	2645-17421	00000/0000	2-10024/0064	10/28/76	10	8994	27.3	150.3	GGGG		45	29
11634N	4023N	2572-17400	00000/0000	2-10021/1073	08/16/76	70	7976	50.9	124.0	GFGG		44	32
11634N	4021N	2428-17440	00000/0000	2-10017/0334	03/25/76	60	5968	42.0	134.6	G GG		44	32
11634N	3607N	2589-17350	00000/0000	2-10022/0397	09/02/76	0	8213	48.9	125.7	GGGG		43	35
11635N	4428N	2663-17413	00000/0000	2-10025/0339	11/15/76	90	9245	22.1	152.1	G GG		45	29
11635N	4426N	2375-17500	00000/0000	2-10015/0348	02/01/76	20	5229	21.7	146.6	GGGG		45	29
11635N	4426N	2411-17490	00000/0000	2-10016/0929	03/08/76	0	5731	33.2	141.0	GGGG		45	29
11635N	4023N	2550-17393	00000/0000	2-10022/0407	09/03/76	0	8227	46.6	131.1	GGGG		44	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0707

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MBDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11635. 4021N	2716-17345	00000/0000 2-10026/0295	01/07/77	0	9984	19.6	146.3	GGGG			44	32
11635. 4020N	2554-17403	00000/0000 2-10021/0365	07/29/76	20	7725	54.3	117.8	GGGG			44	32
11635. 3602N	2427-17393	00000/0000 2-10017/0458	03/24/76	10	5954	43.9	130.8	GGGG			43	35
11635. 3556N	2535-17364	00000/0000 2-10020/0624	07/10/76	10	7460	57.7	106.0	GGGG			43	35
11635. 3552N	2517-17371	00000/0000 2-10019/0395	06/22/76	10	7209	59.1	104.6	GGGG			43	35
11635. 3137N	2408-17354	00000/0000 2-10017/0003	03/05/76	70	5689	39.6	131.6	GGGG			42	38
11636. 4023N	2698-17353	00000/0000 2-10025/1433	12/20/76	0	9733	19.5	148.9	GGGG			44	32
11636. 4015N	2536-17410	00000/0000 2-10020/0690	07/11/76	20	7474	56.9	113.6	GGGG			44	32
11636. 4013N	2500-17420	00000/0000 2-10019/0665	06/05/76	0	6972	58.7	115.0	GGGG			44	32
11636. 3603N	2697-17311	00000/0000 2-10025/1406	12/19/76	40	9719	22.8	147.1	GGGG			43	35
11637. 4011N	2518-17413	00000/0000 2-10019/1405	06/23/76	0	7223	58.5	112.5	GGGG			44	32
11637. 3558N	2679-17315	00000/0000 2-10025/0825	12/01/76	0	9468	25.2	148.3	GGGG			43	35
11637. 3555N	2409-17401	00000/0000 2-10014/0833	03/06/76	10	5703	37.6	134.9	GGGG			43	35
11638. 4018N	2680-17362	00000/0000 2-10025/0845	12/02/76	0	9483	21.7	150.2	GGGG			44	32
11638. 4017N	2608-17390	00000/0000 2-10022/1278	09/21/76	20	8478	41.7	137.9	GGGG			44	32
11638. 3558N	2607-17343	00000/0000 2-10022/1253	09/20/76	90	8464	44.5	133.4	GGGG			43	35
11638. 3554N	2643-17332	00000/0000 2-10023/1404	10/26/76	10	8966	34.1	144.8	GGGG			43	35
11639. 4013N	2410-17443	00000/0000 2-10016/0874	03/07/76	0	5717	35.5	138.0	GGGG			44	32
11639. 3557N	2661-17324	00000/0000 2-10025/0263	11/13/76	10	9217	29.1	147.6	GGGG			43	35
11640. 4733N	2448-17524	00000/0000 2-10017/1391	04/14/76	90	6247	45.1	138.3	GGGG			46	27
11640. 4731N	2466-17521	00000/0000 2-10018/0533	05/02/76	90	6498	50.7	134.9	GGGG			46	27
11640. 4012N	2392-17450	00000/0000 2-10015/1083	02/18/76	40	5466	29.3	141.3	GGGG			44	32
11640. 3552N	2373-17410	00000/0000 2-10015/0279	01/30/76	10	5201	27.1	142.5	GGGG			43	35
11641. 4014N	2626-17382	00000/0000 2-10023/0655	10/09/76	0	8729	36.3	143.6	GGGG			44	32
11641. 4013N	2662-17370	00000/0000 2-10025/0315	11/14/76	80	9231	25.7	149.9	GGGG			44	32
11641. 4010N	2374-17453	00000/0000 2-10015/0369	01/31/76	0	5215	24.4	144.6	GGGG			44	32
11641. 3556N	2625-17340	00000/0000 2-10023/0583	10/08/76	0	8715	39.4	140.0	GGGG			43	35
11642. 4723N	2484-17515	00000/0000 2-10018/1278	05/20/76	80	6749	54.6	130.9	GGGG			46	27
11642. 3549N	2391-17404	00000/0000 2-10015/1027	02/17/76	10	5452	31.8	138.7	GGGG			43	35
11643. 4011N	2644-17375	00000/0000 2-10024/0052	10/27/76	10	8980	30.8	147.7	GGGG			44	32
11644. 4730N	2532-17486	00000/0000 2-10022/0835	09/05/76	30	8255	42.1	139.4	GGGG			46	27
11644. 4727N	2430-17532	00000/0000 2-10017/0683	03/27/76	70	5996	38.6	140.8	GGGG			46	27
11645. 4730N	2700-17445	00000/0000 2-10025/1484	12/22/76	80	9761	14.0	151.6	GGGG			46	27
11645. 4729N	2574-17432	00000/0000 2-10021/1194	08/18/76	30	8004	47.2	133.8	GGGG			46	27
11645. 4726N	2556-17435	00000/0000 2-10021/0417	07/31/76	10	7753	51.4	128.8	GGGG			46	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0708

PRINCIPAL POINT OF IMAGE	RESERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11645	4717N	2502-17512	00000/0000	2-10019/0248	06/07/76	50	7000	56.5	127.0	FGGG		46	27
11646	4721N	2538-17502	00000/0000	2-10020/0852	07/13/76	10	7502	54.5	125.6	GGGG		46	27
11647	4722N	2682-17454	00000/0000	2-10025/0887	12/04/76	80	9510	15.9	153.2	GGGG		46	27
11647	4717N	2520-17505	00000/0000	2-10020/0032	06/25/76	80	7251	56.4	124.9	FGGF		46	27
11648	4727N	2610-17482	00000/0000	2-10022/1327	09/23/76	90	8506	36.5	144.7	GGGG		46	27
11649	4719N	2412-17535	00000/0000	2-10016/0957	03/09/76	20	5745	31.7	143.0	GGGG		46	27
11651	4718N	2664-17462	00000/0000	2-10025/0395	11/16/76	90	9259	19.7	153.5	GGGG		46	27
11651	4716N	2394-17542	00000/0000	2-10016/0177	02/20/76	70	5494	25.3	145.3	GFGG		46	27
11652	4718N	2628-17474	00000/0000	2-10023/0716	10/11/76	40	8757	30.6	149.1	GGGG		46	27
11652	4717N	2646-17471	00000/0000	2-10024/0125	10/29/76	70	9008	24.8	152.1	GGGG		46	27
11654	4713N	2376-17545	00000/0000	2-10015/0390	02/02/76	60	5243	19.9	147.9	GGGG		46	27
11654	4317N	2465-17475	00000/0000	2-10018/0473	05/01/76	10	6484	52.5	129.4	GFGG		45	30
11656	3441N	2463-17385	00000/0000	2-10018/0333	04/29/76	0	6456	55.3	117.4	GGGG		45	30
11657	4315N	2447-17482	00000/	2-10017/1279	04/13/76	10	6233	47.2	133.7	GGGG		45	30
11657	3442N	2445-17392	00000/0000	2-10017/1060	04/11/76	10	6205	50.5	123.8	GGGF		43	36
11658	3440N	2571-17367	00000/0000	2-10021/1032	08/15/76	10	7962	52.9	115.7	GFGG		43	36
11658	3435N	2481-17382	00000/0000	2-10018/1195	05/17/76	0	6707	58.4	110.4	GGGG		43	36
11659	5008N	2539-17552	00000/0000	2-10020/0794	07/14/76	50	7516	53.2	130.1	FFFF		47	25
11659	5005N	2521-17555	00000/0000	2-10020/0047	06/26/76	80	7265	55.2	129.5	GGGG		47	25
11659	4316N	2573-17445	00000/0000	2-10021/1111	08/17/76	40	7990	49.5	128.2	GFGG		45	30
11659	4314N	2717-17394	00000/0000	2-10025/0305	01/08/77	10	9998	17.6	147.4	GGGG		45	30
11659	4306N	2483-17472	00000/0000	2-10018/1248	05/19/76	30	6735	56.3	124.3	GGGG		45	30
11659	3857N	2464-17432	00000/0000	2-10018/0447	04/30/76	10	6470	54.1	123.5	GGGG		44	33
11700	5006N	2503-17561	00000/0000	2-10019/0706	06/08/76	70	7014	55.3	131.4	FGGG		47	25
11700	4314N	2699-17403	00000/0000	2-10025/1460	12/21/76	50	9747	17.3	149.9	GGGG		45	30
11700	4312N	2429-17485	00000/0000	2-10017/0490	03/26/76	40	5982	40.8	137.1	GGG		45	30
11700	4310N	2555-17452	00000/0000	2-10021/0377	07/30/76	10	7739	53.3	122.3	GGGG		45	30
11700	3901N	2446-17435	00000/0000	2-10017/1271	04/12/76	70	6219	49.0	128.9	FGGG		44	33
11700	3441N	2539-17353	00000/0000	2-10022/0398	09/02/76	10	8213	49.5	124.0	GGGG		43	36
11700	3435N	2553-17363	00000/0000	2-10021/0285	07/28/76	20	7711	55.7	108.4	GGGG		43	36
11700	3432N	2499-17380	00000/0000	2-10019/0588	06/04/76	10	6958	59.6	104.7	GGGG		43	36
11701	5007N	2395-17592	00000/0000	2-10016/0208	02/21/76	50	5508	23.6	147.0	GGG		47	25
11701	4313N	2591-17442	00000/0000	2-10022/0526	09/04/76	0	8241	44.9	134.6	GGGG		45	30
11701	3436N	2427-17400	00000/0000	2-10017/0459	03/24/76	10	5954	44.6	129.2	GGGG		43	36
11702	4308N	2681-17411	00000/0000	2-10025/0875	12/03/76	0	9496	19.4	151.4	GGGG		45	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=RAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0709

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL R3V MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11702.4	4303N	2501-17465	00000/0000	2-10019/0651	06/06/76	10	6986	58.0	119.8	GGGG		45	30
11702.4	3851N	2452-17425	00000/0000	2-10018/1217	05/18/76	0	6721	57.6	117.5	GGGG		44	33
11702.4	3436N	2697-17313	00000/0000	2-10025/1407	12/19/76	20	9719	23.8	146.5	GGGG		43	36
11702.4	3430N	2635-17370	00000/0000	2-10020/0625	07/10/76	10	7460	57.8	103.5	GGGG		43	36
11702.4	3427N	2517-17373	00000/0000	2-10019/1396	06/22/76	0	7209	59.2	102.0	GGGG		43	36
11703.4	5005N	2629-17524	00000/0000	2-10023/0817	10/12/76	70	8771	28.2	151.1	GGGG		47	25
11703.4	5005N	2647-17520	00000/0000	2-10024/0156	10/30/76	90	9022	22.3	153.8	GGGG		47	25
11703.4	5002N	2377-17594	00000/0000	2-10015/0433	02/03/76	70	5257	18.1	149.2	GGGG		47	25
11703.4	4304N	2519-17463	00000/0000	2-10019/1433	06/24/76	10	7237	57.8	117.6	GGGG		45	30
11703.4	3858N	2572-17402	00000/0000	2-10021/1074	08/16/76	30	7976	51.4	122.1	GGGG		44	33
11703.4	3855N	2428-17442	00000/0000	2-10017/0341	03/25/76	30	5968	42.8	133.2	GGGG		44	33
11704.4	3857N	2590-17395	00000/0000	2-10022/0408	09/03/76	10	8227	47.3	129.5	GGGG		44	33
11704.4	3856N	2716-17352	00000/0000	2-10026/0296	01/07/77	0	9984	20.6	145.7	GGGG		44	33
11704.4	3854N	2554-17410	00000/0000	2-10021/0366	07/29/76	20	7725	54.7	115.6	GGGG		44	33
11704.4	3433N	2679-17322	00000/0000	2-10025/0826	12/01/76	0	9468	26.2	147.6	GGGG		43	36
11704.4	3432N	2607-17350	00000/0000	2-10022/1254	09/20/76	80	8464	45.2	131.9	GGGG		43	36
11704.4	3429N	2409-17403	00000/0000	2-10016/0834	03/06/76	10	5703	38.4	133.7	GGGG		43	36
11705.4	4306N	2609-17435	00000/0000	2-10022/1288	09/22/76	10	8492	39.7	140.7	GGGG		45	30
11705.4	3850N	2536-17413	00000/0000	2-10020/0691	07/11/76	10	7474	57.2	111.1	GGGG		44	33
11705.4	3848N	2500-17423	00000/0000	2-10019/0666	06/05/76	0	6972	59.0	112.4	GGGG		44	33
11705.4	3428N	2643-17334	00000/0000	2-10023/1405	10/26/76	10	8966	35.1	143.9	GGGG		43	36
11706.4	3858N	2698-17360	00000/0000	2-10025/1434	12/20/76	0	9733	20.6	148.3	GGGG		44	33
11706.4	3846N	2518-17420	00000/0000	2-10019/1406	06/23/76	0	7223	58.8	109.9	GGGG		44	33
11706.4	3432N	2661-17330	00000/0000	2-10025/0264	11/13/76	10	9217	30.2	146.8	GGGG		43	36
11707.4	4303N	2653-17420	00000/0000	2-10025/0344	11/15/76	90	9245	23.2	151.4	GGGG		45	30
11707.4	4302N	2627-17432	00000/0000	2-10023/0666	10/10/76	30	8743	34.0	145.9	GGGG		45	30
11707.4	4302N	2645-17424	00000/0000	2-10024/0065	10/28/76	0	8994	28.3	149.5	GGGG		45	30
11707.4	4301N	2375-17502	00000/0000	2-10015/0349	02/01/76	30	5229	22.7	145.9	GGGG		45	30
11707.4	4301N	2411-17493	00000/0000	2-10016/0930	03/08/76	0	5731	34.1	140.0	GGGG		45	30
11707.4	3852N	2640-17364	00000/0000	2-10025/0846	12/02/76	0	9482	22.8	149.6	GGGG		44	33
11707.4	3851N	2608-17392	00000/0000	2-10022/1279	09/21/76	20	8478	42.6	136.5	GGGG		44	33
11707.4	3430N	2625-17342	00000/0000	2-10023/0584	10/08/76	0	8715	40.3	138.9	GGGG		43	36
11708.4	3847N	2410-17450	00000/0000	2-10016/0875	03/07/76	0	5717	36.3	136.9	GGGG		44	33
11708.4	3423N	2391-17410	00000/0000	2-10015/1028	02/17/76	10	5452	32.7	137.8	GGGG		43	36
11710.4	3848N	2626-17385	00000/0000	2-10023/0656	10/09/76	0	8729	37.2	142.5	GGGG		44	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, RAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0710

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11710N 3848N	2662-17373	00000/0000 2-10025/0316	11/14/76	90	9231	26.7	149.2	GGGG			44	33
11710N 3847N	2392-17453	00000/0000 2-10015/1084	02/18/76	10	5466	30.2	140.4	GGFG			44	33
11710N 3845N	2374-17455	00000/0000 2-10015/0370	01/31/76	0	5215	25.4	143.8	GGGG			44	33
11711N 3845N	2644-17381	00000/0000 2-10024/0053	10/27/76	0	8980	31.8	146.8	GGGG			44	33
11715N 4608N	2448-17531	00000/0000 2-10017/1392	04/14/76	40	6247	45.9	136.7	GGGG			46	28
11716N 4606N	2466-17524	00000/0000 2-10018/0534	05/02/76	90	6498	51.4	133.0	GGGG			46	28
11717N 4559N	2444-17521	00000/0000 2-10018/1279	05/20/76	20	6749	55.3	128.7	GGGG			46	28
11719N 4606N	2592-17491	00000/0000 2-10022/0836	09/05/76	40	8255	43.0	137.9	GGGG			46	28
11719N 4602N	2430-17534	00000/0000 2-10017/0684	03/27/76	70	5996	39.5	139.5	GGGG			46	28
11720N 4605N	2700-17452	00000/0000 2-10025/1485	12/22/76	40	9761	15.1	151.0	GGGG			46	28
11720N 4604N	2574-17494	00000/0000 2-10021/1195	08/18/76	50	8004	47.9	132.0	GGGG			46	28
11720N 4604N	2718-17443	00000/0000 2-10026/0350	01/09/77	20	12	15.6	148.4	G G			46	28
11720N 4601N	2556-17502	00000/0000 2-10021/0418	07/31/76	10	7753	52.0	126.8	GGGG			46	28
11720N 4556N	2538-17505	00000/0000 2-10020/0853	07/13/76	10	7502	55.1	123.3	GGGG			46	28
11720N 4553N	2502-17515	00000/0000 2-10019/0249	06/07/76	50	7000	57.1	124.6	GGGG			46	28
11722N 4558N	2682-17460	00000/0000 2-10025/0888	12/04/76	50	9510	17.0	152.6	GGGG			46	28
11722N 4553N	2520-17512	00000/0000 2-10020/0033	06/25/76	60	7251	56.9	122.5	GGGG			46	28
11722N 3315N	2463-17392	00000/0000 2-10018/0334	04/29/76	10	6456	55.7	115.1	GGGG			43	37
11723N 4602N	2610-17484	00000/0000 2-10022/1328	03/23/76	50	8506	37.5	143.5	GGGG			46	28
11723N 3315N	2445-17395	00000/0000 2-10017/1061	04/11/76	30	6205	51.1	122.0	GGGG			43	37
11724N 4554N	2412-17542	00000/0000 2-10016/0958	03/09/76	10	5745	32.7	142.0	GGGG			46	28
11724N 3315N	2571-17362	00000/0000 2-10021/1033	08/15/76	80	7962	53.3	113.6	GFGG			43	37
11724N 3309N	2481-17385	00000/0000 2-10018/1196	05/17/76	30	6707	58.6	107.8	GGGG			43	37
11725N 4152N	2465-17431	00000/0000 2-10018/0474	05/01/76	10	6484	53.2	127.4	GGGG			45	31
11725N 3309N	2553-17365	00000/0000 2-10021/0286	07/28/76	50	7711	55.8	106.0	GGGG			43	37
11726N 4552N	2664-17465	00000/0000 2-10025/0396	11/16/76	50	9259	20.8	152.8	GGGG			46	28
11726N 4551N	2394-17545	00000/0000 2-10016/0178	02/20/76	40	5494	26.2	144.4	GFGG			46	28
11726N 3315N	2539-17355	00000/0000 2-10022/0399	09/02/76	30	8213	50.0	122.2	GG G			43	37
11727N 4553N	2628-17431	00000/0000 2-10023/0717	10/11/76	30	8757	31.6	148.1	GGGG			46	28
11727N 4552N	2646-17473	00000/0000 2-10024/0126	10/29/76	60	9008	25.9	151.3	GGGG			46	28
11727N 3310N	2427-17402	00000/0000 2-10017/0460	03/24/76	30	5954	45.3	127.7	FFGG			43	37
11727N 3301N	2517-17380	00000/0000 2-10019/1397	06/22/76	10	7209	59.2	99.4	GGGG			43	37
11728N 4150N	2447-17424	00000/0000 2-10017/1280	04/13/76	10	6233	47.9	132.0	GGGG			45	31
11728N 3735N	2446-17441	00000/0000 2-10017/1272	04/12/76	50	6219	49.6	127.1	FGGG			44	34
11728N 3731N	2464-17434	00000/0000 2-10018/0448	04/30/76	0	6470	54.7	121.4	GGGG			44	34

KEYS: CLOUD COVER : ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, RAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0711

FBR 115

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA M8DF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11728N 3311N	2697-17320	00000/0000	2-10025/1408	12/19/76	10	9719	24.9	145.8	GGGG			43	37
11729N 4855N	2467-17579	00000/0000	2-10018/0522	05/03/76	70	6512	50.2	136.6	GGGG			47	26
11729N 4548N	2376-17552	00000/0000	2-10015/0391	02/02/76	40	5243	20.9	147.1	GGGG			46	28
11729N 3725N	2482-17432	00000/0000	2-10018/1218	05/18/76	0	6721	57.9	115.0	GGGG			44	34
11729N 3308N	2679-17324	00000/0000	2-10025/0827	12/01/76	0	9468	27.3	146.9	G G			43	37
11729N 3304N	2535-17373	00000/0000	2-10020/0626	07/10/76	70	7460	57.8	101.0	GGGG			43	37
11729N 3303N	2409-17410	00000/0000	2-10016/0835	03/06/76	0	5703	39.2	132.5	GGG			43	37
11730N 4857N	2449-17580	00000/0000	2-10017/1417	04/15/76	90	6261	44.6	139.7	FGGG			47	26
11730N 4151N	2573-17452	00000/0000	2-10021/1112	08/17/76	80	7990	50.1	126.3	GGGG			45	31
11730N 4148N	2717-17401	00000/0000	2-10026/0306	01/08/77	10	9992	18.6	146.7	GGFG			45	31
11730N 4141N	2453-17474	00000/0000	2-10018/1249	05/19/76	20	6735	56.8	122.0	GGGG			45	31
11730N 3306N	2607-17352	00000/0000	2-10022/1255	09/20/76	90	8464	46.0	130.5	GGGG			43	37
11731N 4857N	2575-17544	00000/0000	2-10021/1142	08/19/76	90	8018	46.1	135.8	FFFF			47	26
11731N 4147N	2429-17492	00000/0000	2-10017/0491	03/26/76	40	5982	41.6	135.8	GGG			45	31
11731N 4147N	2699-17406	00000/0000	2-10025/1461	12/21/76	10	9747	18.4	149.3	GGGG			45	31
11731N 4144N	2555-17455	00000/0000	2-10021/0378	07/30/76	10	7739	53.7	120.2	GGGG			45	31
11731N 3732N	2572-17405	00000/0000	2-10021/1075	08/16/76	0	7976	51.9	120.1	GGGF			44	34
11731N 3730N	2428-17445	00000/0000	2-10017/0342	03/25/76	10	5968	43.5	131.8	GGGG			44	34
11731N 3302N	2643-17341	00000/0000	2-10023/1406	10/26/76	10	8966	36.1	143.0	GGGG			43	37
11732N 4848N	2485-17570	00000/0000	2-10018/1387	05/21/76	30	6763	54.1	132.8	GGGG			47	26
11732N 4148N	2591-17445	00000/0000	2-10022/0527	09/04/76	0	8241	45.7	133.0	GGGG			45	31
11732N 4139N	2537-17462	00000/0000	2-10020/0808	07/12/76	20	7488	56.5	116.1	FFFF			45	31
11732N 3732N	2590-17402	00000/0000	2-10022/0409	09/03/76	0	8227	48.0	127.8	GGGG			44	34
11732N 3307N	2661-17333	00000/0000	2-10025/0265	11/13/76	10	9217	31.2	146.0	GGGG			43	37
11732N 3300N	2373-17415	00000/0000	2-10015/0280	01/30/76	20	5201	29.0	141.0	FGGF			43	37
11733N 4143N	2681-17414	00000/0000	2-10025/0876	12/03/76	0	9496	20.5	150.8	FGGG			45	31
11733N 4137N	2501-17472	00000/0000	2-10019/0652	06/06/76	10	6986	58.4	117.3	GGGG			45	31
11733N 3730N	2716-17354	00000/0000	2-10026/0297	01/07/77	10	9984	21.6	145.0	GGGG			44	34
11733N 3729N	2554-17412	00000/0000	2-10021/0367	07/29/76	20	7725	55.0	113.3	GGGG			44	34
11733N 3724N	2536-17415	00000/0000	2-10020/0692	07/11/76	10	7474	57.4	108.7	PFGG			44	34
11733N 3722N	2500-17425	00000/0000	2-10019/0667	06/05/76	0	6972	59.3	109.7	GGGG			44	34
11733N 3304N	2625-17345	00000/0000	2-10023/0585	10/08/76	10	8715	41.2	137.7	GGGG			43	37
11734N 4853N	2431-17534	00000/0000	2-10017/0547	03/28/76	80	6010	38.1	142.0	FGGG			47	26
11734N 4138N	2519-17465	00000/0000	2-10019/1434	06/24/76	0	7237	58.2	115.1	GGGG			45	31
11734N 3732N	2698-17362	00000/0000	2-10025/1435	12/20/76	0	9733	21.6	147.6	GGGF			44	34

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANKS NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0712

PRINCIPAL PRINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
11734N	3720N	2518-17422	00000/0000	2-10019/1407	06/23/76	0	7223	58.9	107.3	GGGG				44	34
11734N	3258N	2391-17413	00000/0000	2-10015/1029	02/17/76	40	5452	33.5	136.9	GGGG				43	37
11735N	4855N	2719-17493	00000/0000	2-10026/0392	01/10/77	40	26	13.6	149.6	GGGG				47	26
11735N	4854N	2701-17501	00000/0000	2-10025/1520	12/23/76	70	9775	12.9	152.1	GGGG				47	26
11736N	4851N	2683-17505	00000/0000	2-10025/0965	12/05/76	40	9524	14.6	153.8	GGGG				47	26
11736N	4850N	2557-17551	00000/0000	2-10021/0423	08/01/76	60	7767	50.5	131.0	GGGG				47	26
11736N	4850N	2611-17534	00000/0000	2-10022/1359	09/24/76	30	8520	35.2	146.1	GGGG				47	26
11736N	3726N	2650-17371	00000/0000	2-10025/0847	12/02/76	0	9482	23.9	148.9	GGGG				44	34
11736N	3725N	2608-17395	00000/0000	2-10022/1250	09/21/76	10	8478	43.4	135.2	GGGG				44	34
11736N	3722N	2410-17452	00000/0000	2-10016/0876	03/07/76	0	5717	37.1	135.8	GGGG				44	34
11737N	4844N	2539-17554	00000/0000	2-10020/0795	07/14/76	20	7516	53.8	127.9	GGFP				47	26
11737N	4841N	2521-17561	00000/0000	2-10020/0048	06/26/76	40	7265	55.8	127.2	GGGG				47	26
11737N	4140N	2609-17442	00000/0000	2-10022/1289	09/22/76	20	8492	40.6	139.5	GGGG				45	31
11737N	4138N	2663-17422	00000/0000	2-10025/0345	11/15/76	80	9245	24.3	150.7	GGGG				45	31
11738N	4842N	2503-17564	00000/0000	2-10019/0707	06/08/76	90	7014	56.0	129.1	FGGG				47	26
11738N	4136N	2627-17434	00000/0000	2-10023/0667	10/10/76	60	8743	35.0	144.9	GGGG				45	31
11738N	4136N	2645-17430	00000/0000	2-10024/0066	10/28/76	0	8994	29.4	148.7	GGGG				45	31
11738N	4135N	2375-17505	00000/0000	2-10015/0350	02/01/76	40	5229	23.7	145.1	GGGG				45	31
11738N	3723N	2662-17375	00000/0000	2-10025/0317	11/14/76	60	9231	27.8	148.4	GGGG				44	34
11738N	3721N	2392-17455	00000/0000	2-10015/1085	02/18/76	0	5466	31.1	139.5	GGGG				44	34
11739N	4843N	2395-17594	00000/0000	2-10016/0209	02/21/76	50	5508	24.6	146.1	GGGG				47	26
11739N	3723N	2626-17391	00000/0000	2-10023/0657	10/09/76	0	8729	38.2	141.5	GGGG				44	34
11739N	3719N	2374-17462	00000/0000	2-10015/0371	01/31/76	0	5215	26.4	143.1	GGGG				44	34
11739N	3719N	2644-17384	00000/0000	2-10024/0054	10/27/76	0	8980	32.8	145.9	GGGG				44	34
11740N	4842N	2413-17591	00000/0000	2-10017/0019	03/10/76	90	5759	31.2	143.9	GGGG				47	26
11741N	4840N	2629-17530	00000/0000	2-10023/0818	10/12/76	10	8771	29.3	150.2	GGGG				47	26
11741N	4837N	2377-18001	00000/0000	2-10015/0434	02/03/76	80	5257	19.2	148.5	GGGG				47	26
11742N	4841N	2647-17522	00000/0000	2-10024/0157	10/30/76	80	9022	23.4	153.0	GGGG				47	26
11749N	4443N	2448-17533	00000/0000	2-10017/1393	04/14/76	10	6247	46.7	135.1	GGGG				46	29
11749N	4441N	2466-17530	00000/0000	2-10018/0535	05/02/76	50	6498	52.1	131.1	GGGG				46	29
11749N	3149N	2571-17365	00000/0000	2-10021/1034	08/15/76	40	7962	53.6	111.5	GGGF				43	38
11749N	3142N	2481-17391	00000/0000	2-10018/1197	05/17/76	90	6707	58.8	105.3	GGGG				43	38
11750N	3149N	2589-17362	00000/0000	2-10022/0400	09/02/76	40	8213	50.5	120.4	GGGG				43	38
11751N	4434N	2484-17524	00000/0000	2-10018/1280	05/20/76	10	6749	55.9	126.4	GGGG				46	29
11752N	4437N	2430-17541	00000/0000	2-10017/0685	03/27/76	80	5996	40.3	138.2	GGGG				46	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0713

FBR ISS

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11752..	3144N	2427-17405	00000/0000	2-10017/0461	03/24/76	80	5954	46.0	126.2	GGGG	43	38
11753..	4441N	2592-17494	00000/0000	2-10022/0837	09/05/76	40	8255	43.8	136.5	GGGG	46	29
11753..	3142N	2679-17331	00000/0000	2-10025/0828	12/01/76	0	9468	28.3	146.2	GGGG	43	38
11754..	4440N	2700-17454	00000/0000	2-10025/1486	12/22/76	10	9761	16.2	150.4	GGGG	46	29
11754..	4439N	2574-175.11	00000/0000	2-10021/1196	08/18/76	60	8004	48.6	130.3	GGFG	46	29
11754..	4439N	2718-17450	00000/0000	2-10026/0362	01/09/77	10	12	16.6	147.8	GGGG	46	29
11754..	4437N	2556-17504	00000/0000	2-10021/0419	07/31/76	10	7753	52.5	124.8	GGGG	46	29
11754..	4431N	2538-17511	00000/0000	2-10020/0854	07/13/76	10	7502	55.5	121.0	GGGG	46	29
11754..	4427N	2502-17521	00000/0000	2-10019/0250	06/07/76	60	7000	57.6	122.1	FGGG	46	29
11754..	3138N	2535-17375	00000/0000	2-10020/0627	07/10/76	90	7460	57.8	98.5	GGGG	43	38
11755..	4428N	2520-17514	00000/0000	2-10020/0034	06/25/76	20	7251	57.3	120.0	FGGG	46	29
11755..	4025N	2465-17484	00000/0000	2-10018/0475	05/01/76	10	6484	53.8	125.3	GGGG	46	29
11755..	3609N	2446-17444	00000/0000	2-10017/1273	04/12/76	20	6219	50.2	125.4	GGGG	45	32
11755..	3141N	2607-17355	00000/0000	2-10022/1256	09/20/76	90	8464	46.7	129.0	GGGG	44	35
11756..	4433N	2632-17469	00000/0000	2-10025/0889	12/04/76	40	9510	18.1	152.0	GGFG	43	38
11756..	3605N	2464-17441	00000/0000	2-10018/0449	04/30/76	0	6470	55.1	119.2	GGGG	44	35
11756..	3136N	2643-17343	00000/0000	2-10023/1407	10/26/76	30	8966	37.1	142.0	GGGG	43	38
11757..	4436N	2610-17491	00000/0000	2-10022/1329	09/23/76	20	8506	38.4	142.3	FGGG	46	29
11757..	4429N	2412-17544	00000/0000	2-10016/0959	03/09/76	10	5745	33.6	140.9	GGGG	46	29
11757..	3559N	2482-17434	00000/0000	2-10018/1219	05/18/76	10	6721	58.3	112.5	GGGG	44	35
11757..	3140N	2661-17335	00000/0000	2-10025/0266	11/13/76	20	9217	32.2	145.2	FGGG	43	38
11758..	4024N	2447-17491	00000/0000	2-10017/1281	04/13/76	40	6233	48.6	130.3	GGGG	45	32
11758..	3604N	2428-17451	00000/0000	2-10017/0343	03/25/76	10	5968	44.3	130.4	FGGF	44	35
11759..	4427N	2664-17471	00000/0000	2-10025/0397	11/16/76	40	9259	21.9	152.1	GGGG	46	29
11759..	3606N	2590-17454	00000/0000	2-10022/0410	09/03/76	10	8227	48.6	126.1	GGGG	44	35
11759..	3605N	2572-17411	00000/0000	2-10021/1076	08/16/76	10	7576	52.4	118.1	GGGF	44	35
11800..	4427N	2646-17480	00000/0000	2-10024/0127	10/29/76	90	9008	27.0	150.5	GGGG	46	29
11800..	4426N	2394-17551	00000/0000	2-10016/0179	02/20/76	30	5494	27.2	143.6	GGGG	46	29
11800..	4025N	2573-17454	00000/0000	2-10021/1113	08/17/76	90	7990	50.7	124.4	GGGG	45	32
11800..	4022N	2429-17494	00000/0000	2-10017/0492	03/26/76	30	5980	42.4	134.4	GGGG	45	32
11800..	4016N	2483-17481	00000/0000	2-10018/1250	05/19/76	10	6735	57.3	119.6	GGGG	45	32
11800..	3604N	2716-17361	00000/0000	2-10026/0298	01/07/77	60	9984	22.6	144.4	GGGG	44	35
11800..	3603N	2554-17415	00000/0000	2-10021/0368	07/29/76	10	7725	55.3	111.0	GGGG	44	35
11800..	3557N	2500-17432	00000/0000	2-10019/0668	06/05/76	0	6972	59.5	107.1	GGGG	44	35
11801..	4428N	2628-17483	00000/0000	2-10023/0718	10/11/76	20	8757	32.7	147.1	GGGG	46	29

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0714

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	SERVIATION ID	MICROFILM POSITION	ROLL NO./ IN REEL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
11801W	4022N	2717-17403	00000/0000	2-10026/0307	01/08/77	0	9998	19.6	146.1	GGGG		45	32
11801W	4019N	2555-17461	00000/0000	2-10021/0379	07/30/76	40	7739	54.2	118.0	GGGG		45	32
11801W	3607N	2698-17365	00000/0000	2-10025/1436	12/20/76	0	9733	22.7	147.0	GGGG		44	35
11801W	3558N	2536-17422	00000/0000	2-10020/0693	07/11/76	0	7474	57.6	106.2	GGGG		44	35
11801W	3554N	2518-17425	00000/0000	2-10019/1408	06/23/76	0	7223	59.1	104.7	GGGG		44	35
11802W	4423N	2376-17554	00000/0000	2-10015/0392	02/02/76	20	5243	21.9	146.4	GGGG		46	29
11802W	4023N	2591-17451	00000/0000	2-10022/0528	09/04/76	10	8241	46.4	131.5	GGGG		45	32
11802W	4022N	2699-17412	00000/0000	2-10025/1462	12/21/76	0	9747	19.5	148.7	GGGG		45	32
11802W	4014N	2537-17465	00000/0000	2-10020/0809	07/12/76	0	7488	56.8	113.7	FFFF		45	32
11802W	4012N	2501-17474	00000/0000	2-10019/0653	06/06/76	10	6986	58.8	114.7	GGGG		45	32
11803W	4018N	2681-17420	00000/0000	2-10025/0877	12/03/76	0	9496	21.5	150.2	GGGG		45	32
11803W	3601N	2680-17373	00000/0000	2-10025/0848	12/02/76	0	9482	24.9	148.3	GGGG		44	35
11803W	3600N	2608-17401	00000/0000	2-10022/1281	09/21/76	10	8478	44.2	133.8	GGGG		44	35
11803W	3556N	2410-17455	00000/0000	2-10016/0877	03/07/76	0	5717	38.0	134.7	GGGG		44	35
11804W	4013N	2519-17472	00000/0000	2-10019/1435	06/24/76	0	7237	58.5	112.5	GGGG		45	32
11805W	4730N	2467-17580	00000/0000	2-10018/0523	05/03/76	60	6512	51.0	134.7	GGGG		47	27
11805W	3557N	2662-17382	00000/0000	2-10025/0318	11/14/76	60	9231	28.9	147.7	GGGG		44	35
11805W	3554N	2644-17390	00000/0000	2-10024/0055	10/27/76	0	8980	33.8	145.1	GGGG		44	35
11806W	4011N	2411-17502	00000/0000	2-10016/0931	03/08/76	0	5731	35.8	137.8	GGGG		45	32
11806W	3558N	2626-17394	00000/0000	2-10023/0658	10/09/76	0	8729	39.1	140.4	GGGG		44	35
11806W	3553N	2374-17464	00000/0000	2-10015/0372	01/31/76	0	5215	27.3	142.3	GGGG		44	35
11807W	4732N	2449-17583	00000/0000	2-10017/1418	04/15/76	50	6261	45.5	138.1	GGGG		47	27
11807W	4015N	2609-17444	00000/0000	2-10022/1290	09/22/76	40	8492	41.4	138.2	GGGG		45	32
11807W	4010N	2645-17433	00000/0000	2-10024/0067	10/28/76	0	8994	30.4	147.9	GGGG		45	32
11808W	4732N	2575-17550	00000/0000	2-10021/1143	08/19/76	90	8018	46.9	134.1	FFGF		47	27
11808W	4012N	2663-17425	00000/0000	2-10025/0346	11/15/76	40	9245	25.4	150.0	GGGG		45	32
11808W	4011N	2627-17441	00000/0000	2-10023/0668	10/10/76	70	8743	36.0	143.8	GGGG		45	32
11808W	4010N	2375-17511	00000/0000	2-10015/0351	02/01/76	80	5229	24.6	144.4	GGGG		45	32
11809W	4724N	2485-17573	00000/0000	2-10018/1388	05/21/76	10	6763	54.8	130.6	GGGG		47	27
11810W	4730N	2593-17543	00000/0000	2-10022/0609	09/06/76	10	8269	41.8	139.7	G		47	27
11811W	4729N	2431-17530	00000/0000	2-10017/0548	03/28/76	90	6010	39.0	140.7	GGGG		47	27
11812W	4730N	2719-17495	00000/0000	2-10026/0393	01/10/77	90	26	14.7	148.9	GGGG		47	27
11812W	4729N	2701-17503	00000/0000	2-10025/1521	12/23/76	70	9775	14.0	151.5	GGG		47	27
11812W	4726N	2557-17553	00000/0000	2-10021/0424	08/01/76	90	7767	51.2	129.0	GGGG		47	27
11813W	4726N	2653-17512	00000/0000	2-10025/0966	12/05/76	90	9524	15.7	153.2	GGGG		47	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0715

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RLL MSS	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11813.4	4725N	2611-17540	00000/0000	2-10022/1360	09/24/76	10	8520	36.2	145.0	GGGG		47	27
11813.4	4719N	2539-17561	00000/0000	2-10020/0796	07/14/76	10	7516	54.4	125.7	GGFP		47	27
11814.4	4717N	2503-17570	00000/0000	2-10019/0708	06/09/76	30	7014	56.6	126.8	GGGG		47	27
11814.4	4716N	2521-17564	00000/0000	2-10020/0049	06/26/76	10	7265	56.3	124.8	GGGG		47	27
11815.4	4718N	2665-17521	00000/0000	2-10025/0932	11/17/76	80	9273	19.4	153.5	GGGG		47	27
11816.4	4718N	2395-18001	00000/0000	2-10016/0210	02/21/76	50	5508	25.6	145.2	GGGG		47	27
11816.4	4717N	2413-17534	00000/0000	2-10017/0020	03/10/76	90	5759	32.1	142.9	GGGG		47	27
11817.4	4713N	2377-18003	00000/0000	2-10015/0435	02/03/76	90	5257	20.2	147.7	GGGG		47	27
11818.4	4716N	2647-17525	00000/0000	2-10024/0158	10/30/76	70	9022	24.5	152.2	GGGG		47	27
11818.4	4715N	2629-17533	00000/0000	2-10023/0819	10/12/76	0	8771	30.3	149.2	GGGG		47	27
11821.4	4315N	2466-17533	00000/0000	2-10018/0536	05/02/76	10	6498	52.8	129.1	GGGG		46	30
11822.4	4318N	2448-17540	00000/0000	2-10017/1394	04/14/76	0	6247	47.5	133.5	GGGG		46	30
11822.4	3443N	2446-17450	00000/0000	2-10017/1274	04/12/76	20	6219	50.8	123.5	GGGG		44	36
11822.4	3439N	2464-17443	00000/0000	2-10018/0450	04/30/76	10	6470	55.6	117.0	GGGG		44	36
11823.4	4308N	2484-17530	00000/0000	2-10018/1281	05/20/76	0	6749	56.4	124.1	GGGG		46	30
11823.4	3433N	2482-17441	00000/0000	2-10018/1220	05/18/76	10	6721	58.5	110.0	GGGG		44	36
11824.4	5009N	2504-18020	00000/0000	2-10019/0815	06/09/76	80	7028	55.3	131.4	GGGG		48	25
11824.4	4311N	2430-17543	00000/0000	2-10017/0686	03/27/76	60	5996	41.2	136.9	GGGG		46	30
11824.4	3900N	2465-17490	00000/0000	2-10018/0476	05/01/76	0	6484	54.4	123.2	GGGG		45	33
11825.4	4316N	2692-17500	00000/0000	2-10022/0838	09/05/76	30	8255	44.6	135.0	GGGG		46	30
11825.4	3439N	2572-17414	00000/0000	2-10021/1077	08/16/76	30	7976	52.8	116.1	GGGG		44	36
11825.4	3438N	2428-17454	00000/0000	2-10017/0344	03/25/76	10	5968	45.0	128.9	GGGF		44	36
11826.4	5007N	2540-18010	00000/0000	2-10020/0937	07/15/76	0	7530	53.1	130.2	GGG		48	25
11826.4	5004N	2522-18013	00000/0000	2-10020/0080	06/27/76	10	7279	55.1	129.5	GGGG		48	25
11826.4	4314N	2574-17503	00000/0000	2-10021/1197	08/18/76	70	8004	49.2	128.5	GGFG		46	30
11826.4	4314N	2700-17461	00000/0000	2-10025/1487	12/22/76	10	9761	17.3	149.8	GGGG		46	30
11826.4	4312N	2556-17511	00000/0000	2-10021/0420	07/31/76	70	7753	53.1	122.7	GGGG		46	30
11826.4	4306N	2538-17514	00000/0000	2-10020/0855	07/13/76	10	7502	56.0	118.7	GGGG		46	30
11826.4	4302N	2502-17524	00000/0000	2-10019/0251	06/07/76	60	7000	58.0	119.6	GGGG		46	30
11826.4	3440N	2590-17411	00000/0000	2-10022/0411	09/03/76	40	8227	49.2	124.4	GGGG		44	36
11826.4	3438N	2554-17421	00000/0000	2-10021/0369	07/29/76	10	7725	55.5	108.8	GGGG		44	36
11827.4	4314N	2718-17452	00000/0000	2-10026/0363	01/09/77	0	12	17.7	147.2	GGGG		46	30
11827.4	3858N	2447-17493	00000/0000	2-10017/1282	04/13/76	90	6233	49.3	128.6	GGGG		45	33
11827.4	3439N	2716-17363	00000/0000	2-10026/0299	01/07/77	80	9984	23.6	143.7	GGGG		44	36
11827.4	3433N	2536-17424	00000/0000	2-10020/0694	07/11/76	20	7474	57.7	103.7	GGFF		44	36

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0716

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBN NUM.
11827N	3432N	2500-17434	00000/0000	2-10019/0669	06/05/76	10	6972	59.6	104.4	GGGG		44	36
11827N	3429N	2518-17431	00000/0000	2-10019/1409	06/23/76	0	7223	59.1	102.1	GGGG		44	36
11828N	5005N	2648-17574	00000/0000	2-10024/0241	10/31/76	90	9036	22.0	153.9	GGGG		48	25
11828N	4308N	2682-17465	00000/0000	2-10025/0890	12/04/76	80	9510	19.2	151.4	GGGG		46	30
11828N	4303N	2520-17521	00000/0000	2-10026/0035	06/25/76	10	7251	57.8	117.6	GGG		46	30
11828N	3440N	2698-17371	00000/0000	2-10025/1437	12/20/76	0	9733	23.7	146.4	GGFG		44	36
11829N	4311N	2610-17493	00000/0000	2-10022/1330	09/23/76	10	8506	39.3	141.1	GGGG		46	30
11829N	3859N	2573-17461	00000/0000	2-10021/1114	08/17/76	100	7990	51.2	122.5	FGGG		45	33
11829N	3856N	2429-17501	00000/0000	2-10017/0493	03/26/76	20	5982	43.1	133.0	FGGF		45	33
11829N	3849N	2483-17453	00000/0000	2-10018/1251	05/19/76	0	6735	57.7	117.1	GGGG		45	33
11829N	3435N	2660-17380	00000/0000	2-10025/0849	12/02/76	0	9482	26.0	147.6	GGGF		44	36
11829N	3434N	2608-17404	00000/0000	2-10027/1282	09/21/76	30	8478	45.0	132.4	GGGG		44	36
11829N	3431N	2410-17451	00000/0000	2-10016/0878	03/07/76	0	5717	38.7	133.5	GGGG		44	36
11830N	5005N	2630-17542	00000/0000	2-10023/0843	10/13/76	40	8785	27.8	151.3	G GG		43	25
11830N	5002N	2378-18053	00000/0000	2-10015/0477	02/04/76	0	5271	18.4	149.1	GGGG		48	25
11830N	4304N	2412-17551	00000/0000	2-10016/0960	03/03/76	10	5745	34.4	139.8	GGGG		46	30
11830N	3857N	2717-17410	00000/0000	2-10026/0308	01/08/77	10	9998	20.7	145.5	GGGG		45	33
11831N	4303N	2664-17474	00000/0000	2-10025/0398	11/16/76	60	9259	23.0	151.4	GGGG		46	30
11831N	3857N	2591-17454	00000/0000	2-10022/0529	09/04/76	10	8241	47.1	129.9	GGGG		45	33
11831N	3856N	2639-17414	00000/0000	2-10025/1463	12/21/76	0	9747	20.5	148.1	GGGG		45	33
11831N	3848N	2537-17471	00000/0000	2-10020/0810	07/12/76	0	7488	57.1	111.3	FFFF		45	33
11831N	3847N	2501-17481	00000/0000	2-10019/0654	06/06/76	10	6986	59.1	112.1	GGGG		45	33
11831N	3431N	2662-17344	00000/0000	2-10025/0319	11/14/76	80	9231	29.9	146.9	GGGG		44	36
11831N	3429N	2392-17454	00000/0000	2-10015/1086	02/18/76	20	5466	32.9	137.7	GGGG		44	36
11831N	3429N	2644-17393	00000/0000	2-10024/0056	10/27/76	0	8980	34.8	144.1	GGGG		44	36
11832N	4301N	2646-17482	00000/0000	2-10024/0128	10/29/76	60	9008	28.0	149.7	GGGG		46	30
11832N	3852N	2681-17423	00000/0000	2-10025/0878	12/03/76	0	9496	22.6	149.6	GGGG		45	33
11832N	3847N	2519-17474	00000/0000	2-10019/1436	06/24/76	0	7237	58.7	109.9	GGGG		44	36
11832N	3432N	2626-17400	00000/0000	2-10023/0659	10/09/76	0	8729	40.0	139.2	GGGG		44	36
11832N	3427N	2374-17471	00000/0000	2-10015/0373	01/31/76	10	5215	28.3	141.5	FGGG		44	36
11833N	4302N	2628-17490	00000/0000	2-10023/0719	10/11/76	20	8757	33.7	146.1	GGGG		46	30
11833N	4300N	2394-17534	00000/0000	2-10016/0130	02/20/76	10	5494	28.1	142.7	GGGF		46	30
11834N	4258N	2376-17561	00000/0000	2-10015/0393	02/02/76	10	5243	22.9	145.7	GGGG		46	30
11835N	3846N	2411-17504	00000/0000	2-10016/0932	03/08/76	10	5731	36.7	136.7	GGGG		45	33
11836N	3849N	2609-17451	00000/0000	2-10022/1291	09/22/76	30	8492	42.3	136.9	GGGG		45	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0717

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RALI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
118364	3845N	2645-17435	00000/0000	2-10024/0068	10/28/76	0	8994	31.5	147.0	GGGG		45	33
118374	3846N	2643-17431	00000/0000	2-10025/0347	11/15/76	10	9245	26.5	149.2	GGGG		45	33
118374	3845N	2375-17514	00000/0000	2-10015/0352	02/01/76	80	5229	25.6	143.6	GGGG		45	33
118374	3845N	2627-17443	00000/0000	2-10023/0669	10/10/76	40	8743	37.0	142.8	GGGG		45	33
118404	4605N	2467-17532	00000/0000	2-10018/0524	05/03/76	30	6512	51.7	132.8	GGGG		47	28
118424	4607N	2449-17585	00000/0000	2-10017/1419	04/15/76	40	6261	46.3	136.5	GGG		47	28
118434	4607N	2575-17553	00000/0000	2-10021/1144	08/19/76	90	8018	47.6	132.4	FFFF		47	28
118444	4605N	2485-17575	00000/0000	2-10018/1389	05/21/76	10	6763	55.4	128.4	GGGG		47	28
118454	4605N	2593-17550	00000/0000	2-10022/0600	09/06/76	10	8269	42.7	138.2	GGGG		47	28
118474	4605N	2719-17502	00000/0000	2-10026/0394	01/10/77	90	26	15.7	148.3	GGGG		47	28
118474	4604N	2431-17593	00000/0000	2-10017/0549	03/28/76	70	6010	39.8	139.4	GGGG		47	28
118474	4554N	2539-17563	00000/0000	2-10020/0797	07/14/76	0	7516	54.9	123.4	GGFP		47	28
118484	4605N	2701-17510	00000/0000	2-10025/1522	12/23/76	50	9775	15.1	150.9	GGGG		47	28
118484	4601N	2683-17514	00000/0000	2-10025/0967	12/05/76	70	9524	16.8	152.6	GGGG		47	28
118484	3317N	2446-17453	00000/0000	2-10017/1275	04/12/76	50	6219	51.4	121.7	GGGG		44	37
118484	3313N	2464-17450	00000/0000	2-10018/0451	04/30/76	10	6470	55.9	114.7	GGGG		44	37
118494	4552N	2521-17570	00000/0000	2-10020/0050	06/26/76	0	7265	56.8	122.4	GGGG		47	28
118494	4551N	2503-17573	00000/0000	2-10019/0709	06/08/76	10	7014	57.1	124.4	GGGG		47	28
118494	3308N	2482-17443	00000/0000	2-10018/1221	05/18/76	40	6721	58.7	107.4	GGGG		44	37
118504	4553N	2665-17523	00000/0000	2-10025/0933	11/17/76	70	9273	20.5	152.8	GGGG		47	28
118514	4554N	2395-18003	00000/0000	2-10016/0211	02/21/76	40	5508	26.5	144.3	GGGF		47	28
118514	4552N	2413-18000	00000/0000	2-10017/0021	03/10/76	70	5759	33.0	141.8	GGGG		47	28
118514	3314N	2590-17413	00000/0000	2-10022/0412	09/03/76	70	8227	49.8	122.6	GGGG		44	37
118514	3313N	2554-17424	00000/0000	2-10021/0370	07/29/76	60	7725	55.7	106.5	GGGG		44	37
118514	3312N	2572-17470	00000/0000	2-10021/1078	08/16/76	40	7976	53.1	114.0	GG G		44	37
118524	4548N	2377-18010	00000/0000	2-10015/0436	02/03/76	80	5257	21.2	147.0	GGGG		47	28
118524	4149N	2466-17535	00000/0000	2-10018/0537	05/02/76	30	6498	53.4	127.1	GGGG		46	31
118524	3734N	2465-17493	00000/0000	2-10018/0477	05/01/76	0	6484	54.9	121.1	GGGG		45	34
118524	3311N	2428-17460	00000/0000	2-10017/0345	03/25/76	20	5968	45.6	127.4	FFGG		44	37
118534	4558N	2450-18034	00000/0000	2-10017/1425	04/16/76	70	6275	45.0	139.6	GGGG		48	26
118534	4552N	2647-17531	00000/0000	2-10024/0159	10/30/76	50	9022	25.6	151.4	GGGG		47	28
118534	4551N	2629-17535	00000/0000	2-10023/0820	10/12/76	0	8771	31.3	148.3	GGGG		47	28
118534	3312N	2716-17370	00000/0000	2-10026/0300	01/07/77	70	9984	24.6	143.1	GGGG		44	37
118534	3308N	2536-17431	00000/0000	2-10020/0695	07/11/76	90	7474	57.7	101.2	FFFF		44	37
118534	3304N	2518-17434	00000/0000	2-10019/1410	06/23/76	0	7223	59.1	99.4	GGGG		44	37

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0718

PRINCIPAL POINT OF IMAGE	SERIES ID	SERIES ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT		RBV	MSS						123 45678				
11854N	4152N	2448-17542	00000/0000	2-10017/1395	04/14/76	0	6247	48.2	131.8	GGGG			46	31
11854N	4142N	2484-17537	00000/0000	2-10018/1282	05/20/76	0	6749	56.9	121.7	GGGG			46	31
11854N	3307N	2638-17410	00000/0000	2-10022/1283	09/21/76	100	8478	45.7	131.0	GGGG			44	37
11855N	4146N	2430-17550	00000/0000	2-10017/0687	03/27/76	60	5996	42.0	135.5	GGGG			46	31
11855N	3733N	2447-17500	00000/0000	2-10017/1283	04/13/76	90	6233	50.0	126.8	GGGG			45	34
11855N	3310N	2640-17382	00000/0000	2-10025/0850	12/02/76	0	9482	27.1	146.9	GGGG			44	37
11855N	3305N	2410-17464	00000/0000	2-10016/0879	03/07/76	30	5717	39.5	132.3	GGGG			44	37
11856N	4858N	2468-18031	00000/0000	2-10018/0552	05/04/76	20	6526	50.4	136.5	GGGG			48	26
11857N	4150N	2592-17503	00000/0000	2-10022/0839	09/05/76	10	8255	45.4	133.5	GGGG			46	31
11857N	4149N	2574-17510	00000/0000	2-10021/1198	08/18/76	70	8004	49.9	126.7	GGGG			46	31
11857N	4147N	2556-17513	00000/0000	2-10021/0421	07/31/76	90	7753	53.6	120.5	GGGG			46	31
11857N	4140N	2538-17520	00000/0000	2-10020/0856	07/13/76	10	7502	56.4	116.3	GGGG			46	31
11857N	4137N	2502-17530	00000/0000	2-10019/0252	06/07/76	20	7000	58.4	117.1	GGGG			46	31
11857N	3733N	2573-17463	00000/0000	2-10021/1115	08/17/76	40	7990	51.7	120.6	GGGG			45	34
11857N	3723N	2483-17490	00000/0000	2-10018/1252	05/19/76	10	6735	58.1	114.6	GGGG			45	34
11857N	3305N	2392-17471	00000/0000	2-10015/1087	02/18/76	20	5466	33.8	136.7	FGFG			44	37
11857N	3305N	2662-17391	00000/0000	2-10025/0320	11/14/76	60	9231	31.0	146.1	GGGG			44	37
11858N	4149N	2700-17463	00000/0000	2-10025/1488	12/22/76	20	9761	18.4	149.2	GGGG			46	31
11858N	4148N	2718-17455	00000/0000	2-10026/0364	01/09/77	0	12	18.7	146.6	GGGG			46	31
11858N	3731N	2429-17503	00000/0000	2-10017/0494	03/26/76	10	5982	43.9	131.6	GGGG			45	34
11858N	3306N	2626-17403	00000/0000	2-10023/0650	10/09/76	0	8729	40.9	138.1	GGFF			44	37
11858N	3301N	2374-17473	00000/0000	2-10015/0374	01/31/76	40	5215	29.2	140.7	GGGG			44	37
11859N	4854N	2432-18042	00000/0000	2-10017/0572	03/29/76	40	6024	38.4	141.9	GGGG			48	26
11859N	4847N	2436-18025	00000/0000	2-10018/1411	05/22/76	40	6777	54.2	132.6	GGGG			48	26
11859N	4142N	2682-17472	00000/0000	2-10025/0891	12/04/76	90	9510	20.3	150.7	GGGG			46	31
11859N	4138N	2520-17523	00000/0000	2-10020/0036	06/25/76	0	7251	58.1	115.0	FGG			46	31
11859N	3731N	2591-17460	00000/0000	2-10022/0530	09/04/76	20	8241	47.8	128.2	GGGG			45	34
11859N	3731N	2717-17412	00000/0000	2-10026/0309	01/08/77	10	9998	21.7	144.9	GGGG			45	34
11859N	3722N	2501-17483	00000/0000	2-10019/0655	06/06/76	10	6986	59.3	109.5	GGGG			45	34
11859N	3722N	2537-17474	00000/0000	2-10020/0811	07/12/76	0	7488	57.3	108.8	FFFF			45	34
11900N	4855N	2576-18002	00000/0000	2-10022/0117	08/20/76	50	8032	45.9	136.1	GGGG			48	26
11900N	4854N	2702-17555	00000/0000	2-10025/1547	12/24/76	50	9789	12.9	152.0	FGGG			48	26
11900N	3731N	2699-17421	00000/0000	2-10025/1464	12/21/76	0	9747	21.6	147.5	GGGG			45	34
11900N	3727N	2641-17425	00000/0000	2-10025/0879	12/03/76	0	9496	23.7	148.9	GGGG			45	34
11900N	3722N	2519-17431	00000/0000	2-10019/1437	06/24/76	0	7237	58.9	107.3	GGGG			45	34

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0719

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11901W 4854N	2594-17595	00000/0000	2-10022/0648	09/07/76	30	8283	40.7	141.4	GGGG			48	26
11901W 4146N	2610-17500	00000/0000	2-10022/1331	09/23/76	10	8506	40.2	139.9	GGGG			46	31
11901W 4139N	2412-17553	00000/0000	2-10016/0961	03/09/76	0	5745	35.3	138.7	GGGG			46	31
11902W 4850N	2558-18005	00000/0000	2-10021/0555	08/02/76	90	7781	50.3	131.3	GGGG			48	26
11902W 4850N	2634-17564	00000/0000	2-10025/1001	12/06/76	90	9538	14.4	153.8	GFF			48	26
11902W 4844N	2504-18022	00000/0000	2-10019/0816	06/09/76	60	7028	56.0	129.0	GGGG			48	26
11902W 4138N	2654-17480	00000/0000	2-10025/0399	11/16/76	40	9259	24.1	150.7	GGGG			46	31
11903W 4848N	2612-17592	00000/0000	2-10022/1444	09/25/76	10	8534	34.9	146.3	G			48	26
11903W 4135N	2646-17485	00000/0000	2-10024/0129	10/29/76	40	9008	29.1	148.9	GGGG			46	31
11903W 3723N	2609-17453	00000/0000	2-10022/1292	09/22/76	30	8492	43.1	135.6	GGGG			45	34
11903W 3721N	2411-17511	00000/0000	2-10016/0933	03/08/76	10	5731	37.5	135.6	GGG			45	34
11904W 4845N	2666-17572	00000/0000	2-10025/0381	11/18/76	70	9287	18.0	154.2	GGGG			48	26
11904W 4843N	2540-18012	00000/0000	2-10020/0938	07/15/76	0	7530	53.7	128.0	GGG			48	26
11904W 4340N	2522-18015	00000/0000	2-10020/0081	06/27/76	10	7279	55.7	127.1	GGGG			48	26
11904W 4137N	2628-17492	00000/0000	2-10023/0720	10/11/76	20	8757	34.7	145.1	GGGG			46	31
11904W 4135N	2394-17560	00000/0000	2-10014/0131	02/20/76	20	5494	29.1	141.8	GGGG			46	31
11904W 3720N	2645-17442	00000/0000	2-10024/0069	10/28/76	0	8994	32.5	146.1	GGGG			45	34
11905W 4132N	2376-17563	00000/0000	2-10015/0394	02/02/76	0	5243	23.9	144.9	GGGG			46	31
11905W 3721N	2663-17434	00000/0000	2-10025/0348	11/15/76	40	9245	27.6	148.5	GGGG			45	34
11905W 3720N	2627-17450	00000/0000	2-10023/0670	10/10/76	0	8743	37.9	141.7	GGGG			45	34
11905W 3719N	2375-17520	00000/0000	2-10015/0353	02/01/76	90	5229	26.6	142.9	GGGG			45	34
11906W 4841N	2648-17540	00000/0000	2-10024/0242	10/31/76	90	9036	23.1	153.1	GGGG			48	26
11908W 4842N	2396-18052	00000/0000	2-10014/0234	02/22/76	30	5522	24.9	146.0	GGGF			48	26
11908W 4840N	2630-17584	00000/0000	2-10023/0844	10/13/76	0	8785	28.9	150.4	GGGG			48	26
11908W 4838N	2378-18055	00000/0000	2-10015/0478	02/04/76	0	5271	19.4	148.3	GGGG			48	26
11914W 4440N	2467-17585	00000/0000	2-10018/0525	05/03/76	30	6512	52.4	130.8	GGGG			47	29
11916W 4442N	2449-17592	00000/0000	2-10017/1420	04/15/76	70	6261	47.1	134.9	GGGG			47	29
11917W 4433N	2485-17582	00000/0000	2-10018/1390	05/21/76	10	6763	56.0	126.1	GGGG			47	29
11918W 4442N	2575-17555	00000/0000	2-10021/1145	08/19/76	30	8018	48.3	130.7	GGGG			47	29
11919W 4440N	2593-17552	00000/0000	2-10022/0601	09/06/76	10	8269	43.5	136.8	GGGG			47	29
11920W 4430N	2539-17570	00000/0000	2-10020/0798	07/14/76	0	7516	55.4	121.1	GGFP			47	29
11920W 3609N	2465-17425	00000/0000	2-10018/0478	05/01/76	0	6484	55.3	118.9	GGGG			45	35
11921W 4440N	2701-17512	00000/0000	2-10025/1523	12/23/76	40	9775	16.2	150.3	GGGG			47	29
11921W 4439N	2431-17595	00000/0000	2-10017/0550	03/28/76	80	6010	40.7	138.1	GGGG			47	29
11921W 4439N	2719-17504	00000/0000	2-10026/0395	01/10/77	90	26	16.7	147.7	GGGG			47	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR 115  
FROM 01/22/76 TO 01/22/77

PAGE 0720

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MBDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
LONG LAT		RBV	MSS						123 45678				
11922.	4436N	2683-17521	00000/0000	2-10025/0968	12/05/76	70	9524	17.9	152.0	FGGG		47	29
11922.	4427N	2521-17573	00000/0000	2-10020/0051	06/26/76	10	7265	57.3	120.0	GGGG		47	29
11922.	4426N	2503-17575	00000/0000	2-10019/0710	06/08/76	50	7014	57.6	121.9	GGGG		47	29
11922.	4024N	2466-17542	00000/0000	2-10018/0538	05/02/76	30	6498	54.0	125.0	GGGG		46	32
11923.	4428N	2665-17530	00000/0000	2-10025/0934	11/17/76	60	9273	21.6	152.1	GGGG		47	29
11923.	3607N	2447-17512	00000/0000	2-10017/1284	04/13/76	90	6233	50.6	125.0	GGGG		45	35
11924.	4428N	2395-18010	00000/0000	2-10016/0212	02/21/76	30	5508	27.5	143.4	GGGG		47	29
11924.	4427N	2413-18003	00000/0000	2-10017/0022	03/10/76	40	5759	34.0	140.7	GGGG		47	29
11924.	4026N	2448-17545	00000/0000	2-10017/1396	04/14/76	0	6247	48.9	130.1	GGGG		46	32
11924.	4018N	2434-17535	00000/0000	2-10018/1283	05/20/76	0	6749	57.4	119.3	GGGG		46	32
11924.	3607N	2573-17470	00000/0000	2-10021/1116	08/17/76	20	7990	52.2	118.6	GGFG		45	35
11924.	3602N	2555-17473	00000/0000	2-10021/0380	07/30/76	40	7739	55.2	111.3	GGGG		45	35
11924.	3557N	2483-17492	00000/0000	2-10018/1253	05/19/76	0	6735	58.4	112.1	GGGG		45	35
11925.	4020N	2430-17552	00000/0000	2-10017/0688	03/27/76	20	5996	42.8	134.2	GGGG		46	32
11925.	3605N	2429-17510	00000/0000	2-10017/0495	03/26/76	0	5982	44.6	130.2	GGGG		45	35
11926.	4426N	2647-17534	00000/0000	2-10024/0160	10/30/76	60	9022	26.7	150.6	GGGG		47	29
11926.	4423N	2377-18012	00000/0000	2-10015/0437	02/03/76	20	5257	22.2	146.2	GGGG		47	29
11926.	3605N	2717-17415	00000/0000	2-10026/0310	01/08/77	30	9998	22.7	144.2	GGFG		45	35
11926.	3604N	2531-17463	00000/0000	2-10022/0531	09/04/76	30	8241	48.4	126.6	GGGG		45	35
11927.	4426N	2629-17542	00000/0000	2-10023/0821	10/12/76	0	8771	32.4	147.3	GGGG		47	29
11927.	4025N	2592-17505	00000/0000	2-10022/0840	09/05/76	10	8255	46.1	131.9	GGGG		46	32
11927.	4023N	2574-17512	00000/0000	2-10021/1199	08/18/76	90	8004	50.5	124.8	GGGG		46	32
11927.	4021N	2556-17520	00000/0000	2-10021/0422	07/31/76	50	7753	54.0	118.4	GGGG		46	32
11927.	4012N	2502-17533	00000/0000	2-10019/0253	06/07/76	30	7000	58.8	114.5	GGGG		46	32
11927.	3605N	2699-17423	00000/0000	2-10025/1465	12/21/76	10	9747	22.6	146.9	GGGG		45	35
11927.	3556N	2501-17490	00000/0000	2-10019/0656	06/06/76	10	6986	59.5	106.9	GGGG		45	35
11927.	3556N	2537-17480	00000/0000	2-10020/0812	07/12/76	0	7488	57.5	106.3	FFFF		45	35
11928.	4023N	2700-17470	00000/0000	2-10025/1489	12/22/76	40	9761	19.4	148.6	FGFG		46	32
11928.	4023N	2718-17461	00000/0000	2-10026/0365	01/09/77	0	12	19.7	146.0	GGGG		46	32
11928.	4015N	2538-17523	00000/0000	2-10020/0857	07/13/76	10	7502	56.7	113.9	GGGG		46	32
11928.	3602N	2681-17432	00000/0000	2-10022/0880	12/03/76	10	9496	24.8	148.2	FGGG		45	35
11928.	3557N	2519-17443	00000/0000	2-10019/1438	06/24/76	0	7237	59.0	104.7	FGGF		45	35
11929.	4016N	2682-17474	00000/0000	2-10025/0892	12/04/76	60	9510	21.4	150.1	GGGG		46	32
11929.	4012N	2520-17530	00000/0000	2-10020/0037	06/25/76	0	7251	58.4	112.5	GGG		46	32
11930.	4734N	2450-18041	00000/0000	2-10017/1429	04/16/76	30	6275	45.8	138.0	GGGG		48	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0721

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RRL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA M8DF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
11930.1	3558N	2609-17460	00000/0000	2-10022/1293	09/22/76	30	8492	43.9	134.2	GGGG		45	35
11930.1	3555N	2411-17513	00000/0000	2-10016/0934	03/08/76	70	5731	38.3	134.4	GGG		45	35
11931.1	4020N	2610-17572	00000/0000	2-10022/1332	09/23/76	0	8506	41.1	138.6	GGGG		46	32
11931.1	4013N	2412-17560	00000/0000	2-10016/0962	03/08/76	0	5745	36.2	137.6	GGGG		46	32
11931.1	3554N	2393-17520	00000/0000	2-10016/0134	02/19/76	60	5480	32.3	138.4	GFGG		45	35
11931.1	3554N	2645-17444	00000/0000	2-10024/0070	10/28/76	0	8994	33.5	145.3	GGGG		45	35
11932.1	4733N	2468-18034	00000/0000	2-10018/0553	05/04/76	20	6526	51.2	134.6	GGGG		48	27
11932.1	4012N	2664-17483	00000/0000	2-10025/0400	11/16/76	30	9259	25.2	150.0	GGGG		46	32
11932.1	3556N	2663-17440	00000/0000	2-10025/0349	11/15/76	70	9245	28.6	147.8	GGGG		45	35
11932.1	3553N	2375-17523	00000/0000	2-10015/0354	02/01/76	90	5229	27.6	142.1	GGGG		45	35
11933.1	4011N	2646-17491	00000/0000	2-10024/0130	10/29/76	40	9008	30.1	148.0	GGGG		46	32
11933.1	3554N	2627-17452	00000/0000	2-10023/0671	10/10/76	10	8743	38.8	140.6	GGGG		45	35
11934.1	4012N	2628-17495	00000/0000	2-10023/0721	10/11/76	0	8757	35.7	144.1	GGGG		46	32
11934.1	4010N	2394-17563	00000/0000	2-10016/0182	02/20/76	10	5494	30.0	140.9	GGFG		46	32
11935.1	4730N	2432-18044	00000/0000	2-10017/0573	03/29/76	50	6024	39.3	140.6	GGGG		48	27
11935.1	4007N	2376-17570	00000/0000	2-10015/0395	02/02/76	0	5243	24.9	144.2	GGGG		46	32
11936.1	4730N	2702-17562	00000/0000	2-10025/1548	12/24/76	80	9789	14.0	151.4	GGGG		48	27
11936.1	4723N	2486-18031	00000/0000	2-10018/1412	05/22/76	30	6777	54.9	130.4	GGGG		48	27
11937.1	4731N	2576-18004	00000/0000	2-10022/0118	08/20/76	10	8032	46.6	134.4	GGGG		48	27
11938.1	4730N	2720-17553	00000/0000	2-10026/0441	01/11/77	90	40	14.8	148.8	FGGF		48	27
11938.1	4723N	2594-18001	00000/0000	2-10022/0649	09/07/76	10	8283	41.5	140.0	GGGG		48	27
11938.1	4726N	2658-18012	00000/0000	2-10021/0556	08/02/76	70	7781	51.0	129.3	GGGG		48	27
11938.1	4719N	2504-18025	00000/0000	2-10019/0817	06/09/76	10	7028	56.6	126.7	GGGG		48	27
11939.1	4725N	2684-17570	00000/0000	2-10025/1002	12/06/76	80	9538	15.6	153.1	FGFF		48	27
11939.1	4723N	2612-17594	00000/0000	2-10022/1445	09/25/76	10	8534	35.9	145.2	GGGG		48	27
11940.1	4721N	2666-17575	00000/0000	2-10025/0382	11/18/76	10	9287	19.1	153.5	GGGG		48	27
11940.1	4718N	2540-18015	00000/0000	2-10020/0939	07/15/76	0	7530	54.3	125.8	FGGG		48	27
11940.1	4715N	2522-18022	00000/0000	2-10020/0082	06/27/76	0	7279	56.3	124.8	GGGG		48	27
11942.1	4716N	2648-17543	00000/0000	2-10024/0243	10/31/76	70	9036	24.2	152.3	GGGG		48	27
11944.1	4717N	2396-18055	00000/0000	2-10016/0235	02/22/76	40	5522	25.9	145.1	FGGF		48	27
11944.1	4716N	2630-17591	00000/0000	2-10023/0845	10/13/76	0	8785	30.0	149.5	GGGG		48	27
11944.1	4713N	2378-18062	00000/0000	2-10015/0479	02/04/76	0	5271	20.4	147.6	GGGG		48	27
11946.1	4314N	2467-17591	00000/0000	2-10018/0526	05/03/76	10	6512	53.1	128.8	GGGG		47	30
11946.1	3443N	2465-17572	00000/0000	2-10018/0479	05/01/76	10	6484	55.8	116.6	GGGG		45	36
11948.1	4317N	2449-17594	00000/0000	2-10017/1421	04/15/76	60	6261	47.8	133.2	GGGG		47	30

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 23, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0722

PRINCIPAL POINT OF IMAGE LONG	LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER %	SUNBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUNBIT PATH NUM.	FRAME ROW NUM.
11949	4308N	2485-17534	00000/0000 2-10018/1391	05/21/76	10	6763	56.6	123.8	GGGG			47	30
11950	4318N	2575-17562	00000/0000 2-10021/1146	08/19/76	10	8018	49.0	128.9	FFFF			47	30
11950	3441N	2447-17505	00000/0000 2-10017/1285	04/13/76	40	6233	51.1	123.2	GGGG			45	36
11950	3431N	2483-17495	00000/0000 2-10018/1254	05/19/76	30	6735	58.6	109.6	GGGG			45	36
11951	5008N	2505-18074	00000/0000 2-10019/0796	06/10/76	90	7042	55.4	131.2	GGGG			49	25
11951	4315N	2593-17555	00000/0000 2-10022/0602	09/06/76	10	8269	44.3	135.3	GGGG			47	30
11951	3859N	2466-17544	00000/0000 2-10018/0539	05/02/76	30	6498	54.6	122.9	GGGG			46	33
11951	3441N	2573-17472	00000/0000 2-10021/1117	08/17/76	30	7990	52.6	116.6	GGGG			45	36
11951	3439N	2429-17512	00000/0000 2-10017/0496	03/26/76	0	5982	45.3	128.7	GGGG			45	36
11951	3436N	2555-17475	00000/0000 2-10021/0381	07/30/76	40	7739	55.4	109.1	FFGG			45	36
11952	5006N	2523-18071	00000/0000 2-10020/0137	06/28/76	10	7293	55.0	129.5	GGGG			49	25
11952	4304N	2539-17572	00000/0000 2-10020/0799	07/14/76	0	7516	55.8	118.8	GGPP			47	30
11952	3438N	2591-17465	00000/0000 2-10022/0532	09/04/76	20	8241	49.0	124.8	GGGG			45	36
11953	4313N	2431-18002	00000/0000 2-10017/0551	03/28/76	70	6010	41.5	136.7	GGGG			47	30
11953	4313N	2719-17511	00000/0000 2-10026/0396	01/10/77	80	26	17.8	147.0	GGGF			47	30
11953	3901N	2448-17551	00000/0000 2-10017/1397	04/14/76	10	6247	49.6	128.3	GGGG			46	33
11953	3853N	2484-17542	00000/0000 2-10018/1284	05/20/76	0	6749	57.8	116.9	GGGG			46	33
11953	3438N	2717-17421	00000/0000 2-10026/0311	01/08/77	20	9998	23.7	143.6	GGGF			45	36
11953	3430N	2501-17492	00000/0000 2-10019/0657	06/06/76	10	6986	59.6	104.2	GGFG			45	36
11954	5009N	2631-18040	00000/0000 2-10023/0931	10/14/76	10	8799	27.5	151.6	GGGG			49	25
11954	4314N	2701-17515	00000/0000 2-10025/1524	12/23/76	30	9775	17.2	149.7	GGGG			47	30
11954	4311N	2653-17523	00000/0000 2-10025/0969	12/05/76	70	9524	19.0	151.3	GGGG			47	30
11954	4301N	2503-17542	00000/0000 2-10019/0711	06/08/76	50	7014	58.1	119.4	FFGG			47	30
11954	3855N	2430-17555	00000/0000 2-10017/0689	03/27/76	10	5996	43.5	132.8	GG G			46	33
11954	3439N	2699-17430	00000/0000 2-10025/1466	12/21/76	0	9747	23.7	146.3	GGGG			45	36
11954	3431N	2519-17490	00000/0000 2-10019/1439	06/24/76	0	7237	59.1	102.1	FFFF			45	36
11955	4303N	2665-17532	00000/0000 2-10025/0935	11/17/76	10	9273	22.7	151.4	GGGG			47	30
11955	4302N	2521-17575	00000/0000 2-10020/0052	06/26/76	0	7265	57.7	117.5	GGGG			47	30
11955	3436N	2681-17434	00000/0000 2-10025/0881	12/03/76	0	9496	25.8	147.6	GGGG			45	36
11956	5005N	2649-18032	00000/0000 2-10024/0280	11/01/76	20	9050	21.7	154.0	GGGG			49	25
11956	4304N	2395-18012	00000/0000 2-10016/0213	02/21/76	10	5508	28.4	142.6	GGGG			47	30
11956	4302N	2413-18005	00000/0000 2-10017/0023	03/10/76	0	5759	34.8	139.6	GGGG			47	30
11956	3859N	2592-17512	00000/0000 2-10022/0841	09/05/76	60	8255	46.8	130.3	GGGG			46	33
11956	3857N	2574-17515	00000/0000 2-10021/1200	08/18/76	90	8004	51.0	122.9	FFGG			46	33
11956	3432N	2603-17462	00000/0000 2-10022/1294	09/22/76	60	8492	44.7	132.8	GGGG			45	36

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANHSAT-2  
COORDINATE LISTING

PAGE 0723

FBR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.	
11957N	4958N	2379-18111	00000/0000	2-10015/0543	02/05/76	70	5285	18.7	148.9	GGGG			49	25
11957N	3857N	2700-17472	00000/0000	2-10025/1490	12/22/76	30	9761	20.5	148.0	GGGG			46	33
11957N	3857N	2718-17464	00000/0000	2-10026/0366	01/09/77	0	12	20.7	145.3	GGGG			46	33
11957N	3850N	2538-17525	00000/0000	2-10020/0858	07/13/76	0	7502	57.0	111.5	GGGG			46	33
11957N	3847N	2502-17535	00000/0000	2-10019/0254	06/07/76	10	7000	59.1	111.9	GGGG			46	33
11957N	3429N	2411-17520	00000/0000	2-10016/0935	03/08/76	90	5731	39.1	133.2	FFFF			45	36
11957N	3429N	2645-17451	00000/0000	2-10024/0071	10/28/76	0	8994	34.5	144.4	GGGG			45	36
11958N	4301N	2647-17540	00000/0000	2-10024/0161	10/30/76	40	9022	27.7	149.8	GGGG			47	30
11958N	4257N	2377-18015	00000/0000	2-10015/0438	02/03/76	0	5257	23.2	145.5	GGGG			47	30
11958N	3850N	2682-17481	00000/0000	2-10025/0833	12/04/76	10	9510	22.5	149.5	GGGG			46	33
11958N	3846N	2520-17532	00000/0000	2-10020/0038	06/25/76	10	7251	58.6	109.9	GGGG			46	33
11958N	3430N	2663-17443	00000/0000	2-10025/0350	11/15/76	40	9245	29.7	147.0	GGGG			45	36
11958N	3427N	2375-17525	00000/0000	2-10015/0355	02/01/76	20	5229	28.5	141.3	GGGG			45	36
11959N	4300N	2629-17544	00000/0000	2-10023/0822	10/12/76	0	8771	33.4	146.4	GGGG			47	30
11959N	3854N	2610-17505	00000/0000	2-10022/1333	09/23/76	10	8506	42.0	137.3	GGGG			46	33
11959N	3429N	2627-17455	00000/0000	2-10023/0672	10/10/76	20	8743	39.8	139.5	GGGG			45	36
12000N	3848N	2412-17562	00000/0000	2-10016/0963	03/09/76	10	5745	37.0	136.5	GGGG			46	33
12001N	3847N	2664-17485	00000/0000	2-10025/0401	11/16/76	10	9259	26.3	149.3	GGGG			46	33
12002N	3846N	2646-17494	00000/0000	2-10024/0131	10/29/76	20	9008	31.2	147.2	GGGG			46	33
12002N	3847N	2628-17501	00000/0000	2-10023/0722	10/11/76	0	8757	36.6	143.1	GGGG			46	33
12003N	3845N	2394-17565	00000/0000	2-10016/0183	02/20/76	0	5494	30.9	140.0	GGGG			46	33
12004N	3842N	2376-17572	00000/0000	2-10015/0396	02/02/76	0	5243	25.9	143.4	GGGG			46	33
12005N	4608N	2450-18043	00000/0000	2-10017/1430	04/16/76	30	6275	46.6	136.4	GGGG			48	28
12007N	4607N	2468-18040	00000/0000	2-10018/0554	05/04/76	40	6526	51.9	132.6	GGGG			48	28
12010N	4605N	2432-18051	00000/0000	2-10017/0574	03/29/76	30	6024	40.2	139.3	GGGG			48	28
12011N	4558N	2486-18034	00000/0000	2-10018/1413	05/22/76	40	6777	55.6	128.1	GGGG			48	28
12012N	4607N	2576-18011	00000/0000	2-10022/0119	08/20/76	10	8032	47.4	132.7	GGGG			48	28
12012N	4604N	2732-17564	00000/0000	2-10025/1549	12/24/76	90	9789	15.1	150.8	GGGG			48	28
12013N	4605N	2720-17560	00000/0000	2-10026/0442	01/11/77	90	40	15.8	148.1	GGGG			48	28
12013N	4603N	2594-18004	00000/0000	2-10022/0650	09/07/76	10	8283	42.4	138.5	GGGG			48	28
12013N	4600N	2644-17573	00000/0000	2-10025/1053	12/06/76	70	9538	16.7	152.5	FFFF			48	28
12014N	4553N	2540-18021	00000/0000	2-10020/0940	07/15/76	0	7530	54.8	123.5	GGGG			48	28
12015N	4558N	2612-18051	00000/0000	2-10022/1446	09/25/76	10	8534	36.8	144.0	GGGG			48	28
12015N	4556N	2666-17531	00000/0000	2-10025/0383	11/18/76	10	9287	20.3	152.9	GGGG			48	28
12015N	4550N	2522-18024	00000/0000	2-10020/0083	06/27/76	0	7279	56.8	122.4	GGGG			48	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 23, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0724

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT	RBV						123 45678				
12015N	3306N	2483-17501	00000/0000	2-10019/1255	05/19/76	90	6735	58.8	107.0	FGGG	45	37
12016N	4552N	2648-17585	00000/0000	2-10024/0244	10/31/76	70	9036	25.3	151.5	GGGG	48	28
12016N	3315N	2447-17511	00000/0000	2-10017/1286	04/13/76	10	6233	51.7	121.3	GGGG	45	37
12017N	4148N	2467-17594	00000/0000	2-10018/0527	05/03/76	10	6512	53.7	126.8	GGGG	47	31
12017N	3314N	2429-17515	00000/0000	2-10017/0497	03/26/76	0	5982	46.0	127.2	GGGG	45	37
12018N	3313N	2591-17472	00000/0000	2-10022/0533	09/04/76	70	8241	49.6	123.1	GGGG	45	37
12019N	4552N	2396-18061	00000/0000	2-10016/0236	02/22/76	90	5522	26.9	144.2	GFFF	48	28
12019N	4551N	2630-17592	00000/0000	2-10023/0846	10/13/76	0	8785	31.0	148.5	GGGG	48	28
12019N	4548N	2378-18064	00000/0000	2-10015/0480	02/04/76	10	5271	21.4	146.8	GGGG	48	28
12019N	4151N	2449-18001	00000/0000	2-10017/1422	04/15/76	70	6261	48.6	131.5	GFGG	47	31
12019N	3312N	2717-17424	00000/0000	2-10026/0312	01/08/77	80	9998	24.7	142.9	GGGG	45	37
12020N	4856N	2469-18090	00000/0000	2-10018/0623	05/05/76	90	6540	50.7	136.2	GGGG	49	26
12020N	3732N	2466-17551	00000/0000	2-10018/0540	05/02/76	20	6498	55.1	120.7	GFGG	46	34
12020N	3305N	2519-17492	00000/0000	2-10019/1440	06/24/76	0	7237	59.1	99.5	GFGG	45	37
12021N	4857N	2451-18093	00000/0000	2-10017/1473	04/17/76	40	6289	45.3	139.4	GGGG	49	26
12021N	4143N	2485-17591	00000/0000	2-10018/1392	05/21/76	20	6763	57.1	121.4	GGGG	47	31
12021N	3735N	2448-17554	00000/0000	2-10017/1398	04/14/76	30	6247	50.3	126.6	GGGG	46	34
12021N	3727N	2484-17544	00000/0000	2-10018/1285	05/20/76	10	6749	58.2	114.4	GGGG	46	34
12021N	3310N	2681-17441	00000/0000	2-10025/0882	12/03/76	30	9496	26.9	146.9	GFGG	45	37
12021N	3306N	2603-17465	00000/0000	2-10022/1295	09/22/76	90	8492	45.5	131.4	GGGG	45	37
12022N	4152N	2575-17564	00000/0000	2-10021/1147	08/19/76	10	8018	49.6	127.1	FFGG	47	31
12022N	3729N	2430-17561	00000/0000	2-10017/0690	03/27/76	10	5996	44.3	131.3	GG G	46	34
12023N	4856N	2433-18100	00000/0000	2-10017/0710	03/30/76	80	6038	38.8	141.8	GGGG	49	26
12023N	4149N	2593-17561	00000/0000	2-10022/0603	09/06/76	30	8269	45.1	133.8	GGGG	47	31
12023N	4139N	2539-17575	00000/0000	2-10020/0800	07/14/76	0	7516	56.2	116.5	GFFF	47	31
12024N	4148N	2719-17513	00000/0000	2-10026/0397	01/10/77	90	26	18.8	146.4	GGGG	47	31
12024N	4147N	2431-18004	00000/0000	2-10017/0552	03/28/76	90	6010	42.3	135.4	GGGG	47	31
12024N	3732N	2574-17521	00000/0000	2-10021/1201	08/18/76	90	8004	51.5	121.0	GFGG	46	34
12024N	3302N	2375-17532	00000/0000	2-10015/0356	02/01/76	90	5229	29.4	140.5	GGGG	45	37
12025N	4858N	2577-18060	00000/0000	2-10021/1263	08/21/76	40	8046	45.6	136.4	GGGG	49	26
12025N	4855N	2595-18052	00000/0000	2-10022/0720	09/08/76	10	8297	40.3	141.7	GG	49	26
12025N	4847N	2487-18083	00000/0000	2-10018/1359	05/23/76	90	6791	54.4	132.3	GGGG	49	26
12025N	4148N	2701-17521	00000/0000	2-10025/1525	12/23/76	60	9775	18.3	149.1	GGGG	47	31
12025N	4145N	2683-17530	00000/0000	2-10025/0970	12/05/76	10	9524	20.1	150.7	GGGG	47	31
12025N	4136N	2503-17584	00000/0000	2-10019/0712	06/08/76	80	7014	58.5	116.9	GGGG	47	31

KEYS: CLOUD COVER : ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0725

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
12025A	3733V	2592-17514	00000/0000	2-10022/0842	09/05/76	50	8255	47.5	128.7	GGGG		46	34
12025A	3724V	2538-1753P	00000/0000	2-10020/0859	07/13/76	10	7502	57.2	109.1	GGGG		46	34
12025A	3721V	2502-1754P	00000/0000	2-10019/0255	06/07/76	10	7000	59.3	109.7	FGGG		46	34
12026A	4142V	2611-17554	00000/0000	2-10022/1361	09/24/76	40	8520	39.9	144.7	GGGG		47	31
12026A	4138V	2665-17535	00000/0000	2-10025/0936	11/17/76	10	9273	23.8	150.8	FGGG		47	31
12026A	4137V	2521-1758P	00000/0000	2-10026/0053	06/26/76	20	7265	58.0	115.0	GGGF		47	31
12026A	3732V	2700-17475	00000/0000	2-10025/1431	12/22/76	50	9761	21.5	147.4	GGGG		46	34
12026A	3731V	2718-17470	00000/0000	2-10026/0367	01/09/77	10	12	21.7	144.7	GGGG		46	34
12026A	3725V	2682-17433	00000/0000	2-10025/0894	12/04/76	10	9510	23.5	148.8	GGGG		46	34
12026A	3721V	2520-17535	00000/0000	2-10020/0039	06/25/76	20	7251	58.8	107.3	GGGG		46	34
12027A	4854V	2703-18013	00000/0000	2-10025/1571	12/25/76	90	9803	12.9	151.9	GGGG		49	26
12027A	4137V	2413-1801P	00000/0000	2-10017/0024	03/10/76	0	5759	35.7	138.5	GGGF		47	31
12027A	3728V	2610-17511	00000/0000	2-10022/1334	09/23/76	10	8506	42.8	136.0	GGGG		46	34
12028A	4139V	2395-18015	00000/0000	2-10016/0214	02/21/76	10	5508	29.4	141.7	GGGG		47	31
12028A	3722V	2412-17565	00000/0000	2-10014/0964	03/09/76	10	5745	37.9	135.4	GGGG		46	34
12029A	4849V	2685-1802P	00000/0000	2-10025/1043	12/07/76	70	9552	14.3	153.7	GGGG		49	26
12029A	4845V	2541-18071	00000/0000	2-10020/1057	07/16/76	0	7544	53.5	128.2	GGGG		49	26
12029A	4844V	2595-18040	00000/0000	2-10019/0797	06/10/76	80	7042	56.0	128.9	GGGG		49	26
12029A	4136V	2647-17543	00000/0000	2-10024/0162	10/30/76	0	9022	28.8	149.0	GGGG		47	31
12029A	4132V	2377-18021	00000/0000	2-10015/0439	02/03/76	0	5257	24.2	144.8	GGGG		47	31
12029A	3721V	2664-1749P	00000/0000	2-10025/0402	11/16/76	20	9259	27.3	148.6	GGGG		46	34
12030A	4849V	2613-18050	00000/0000	2-10023/0040	09/26/76	10	8548	34.5	146.6	GGGG		49	26
12030A	4846V	2415-18104	00000/0000	2-10016/1173	03/12/76	20	5787	31.9	143.8	GGGF		49	26
12030A	4841V	2523-18074	00000/0000	2-10020/0138	06/28/76	10	7293	55.6	127.2	GGGG		49	26
12030A	4135V	2629-17551	00000/0000	2-10023/0823	10/12/76	0	8771	34.4	145.4	GGGG		47	31
12030A	3720V	2394-1757P	00000/0000	2-10016/0184	02/20/76	10	5494	31.8	139.1	GGGG		46	34
12030A	3720V	2646-17500	00000/0000	2-10024/0132	10/29/76	10	9008	32.2	146.3	GGGG		46	34
12031A	4845V	2667-18030	00000/0000	2-10025/0455	11/19/76	10	9301	17.8	154.2	GGGG		49	26
12031A	3721V	2628-17504	00000/0000	2-10022/0723	10/11/76	10	8757	37.6	142.0	GGGG		46	34
12032A	4844V	2631-18043	00000/0000	2-10023/0932	10/14/76	10	8799	28.5	150.6	GGGG		49	26
12032A	3716V	2376-17575	00000/0000	2-10015/0397	02/02/76	0	5243	26.9	142.7	FGGG		46	34
12033A	4841V	2397-18111	00000/0000	2-10016/0318	02/23/76	20	5536	25.3	145.8	GGFG		49	26
12035A	4841V	2649-18035	00000/0000	2-10024/0281	11/01/76	10	9050	22.8	153.2	GGGG		49	26
12035A	4833V	2379-18114	00000/0000	2-10015/0544	02/05/76	30	5285	19.7	148.1	GGGG		49	26
12039A	4443V	2450-18050	00000/0000	2-10017/1427	04/16/76	70	6275	47.4	134.7	G FF		48	29

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=MID GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0726

FOR 'IS  
FROM 01/22/76 TO 01/22/77

PRINCIPAL PRINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV MSS						123 45678				
12041.	4441N	2468-18043	00000/0000	2-10019/0555	05/04/76	80	6526	52.6	130.6	FGGF	48	29
12044.	4440N	2432-18053	00000/0000	2-10017/0575	03/29/76	30	6024	41.0	137.9	GGGG	48	29
12044.	4432N	2486-18040	00000/0000	2-10018/1414	05/22/76	60	6777	56.2	125.9	GGFG	48	29
12045.	4439N	2702-17571	00000/0000	2-10025/1550	12/24/76	90	9789	16.1	150.2	FFGG	48	29
12046.	4442N	2576-18013	00000/0000	2-10022/0120	08/20/76	70	8032	48.1	131.0	GGGG	48	29
12047.	4440N	2720-1756P	00000/0000	2-10026/0443	01/11/77	80	40	16.8	147.5	GGGG	48	29
12047.	4438N	2594-18010	00000/0000	2-10022/0651	09/07/76	10	8283	43.2	137.1	GGGG	48	29
12047.	4435N	2684-17575	00000/0000	2-10025/1004	12/06/76	10	9538	17.8	151.9	FGFF	48	29
12047.	4433N	2414-18061	00000/0000	2-10014/1167	03/11/76	50	5773	34.3	140.6	GGGG	48	29
12047.	4428N	2540-18024	00000/0000	2-10020/0941	07/15/76	0	7530	55.3	121.3	GGGG	48	29
12047.	4023N	2467-18000	00000/0000	2-10018/0528	05/03/76	10	6512	54.3	124.7	GGGG	47	32
12047.	3606N	2466-17553	00000/0000	2-10018/0541	05/02/76	0	6498	55.6	118.5	GGGG	46	35
12048.	4433N	2412-18003	00000/0000	2-10022/1447	09/25/76	10	8534	37.8	142.9	GGGG	48	29
12048.	3609N	2448-17560	00000/0000	2-10017/1399	04/14/76	30	6247	50.9	124.7	GGGG	46	35
12049.	4430N	2666-17544	00000/0000	2-10025/0384	11/18/76	40	9287	21.4	152.2	GGGG	48	29
12049.	4427N	2648-17532	00000/0000	2-10024/0245	10/31/76	70	9036	26.3	150.7	GGGG	48	29
12049.	4426N	2522-18031	00000/0000	2-10020/0084	06/27/76	0	7279	57.2	119.9	GGGG	48	29
12049.	4026N	2449-18003	00000/0000	2-10017/1423	04/15/76	50	6261	49.3	129.8	GGGF	47	32
12049.	3601N	2484-17551	00000/0000	2-10018/1286	05/20/76	30	6749	58.5	111.9	GGGG	46	35
12050.	3604N	2430-17564	00000/0000	2-10017/0691	03/27/76	10	5996	45.0	129.9	GGGG	46	35
12051.	4017N	2485-17533	00000/0000	2-10018/1393	05/21/76	30	6763	57.5	119.0	FGGG	47	32
12052.	4423N	2378-18071	00000/0000	2-10015/0481	02/04/76	10	5271	22.4	146.1	GGGG	48	29
12052.	4026N	2575-17571	00000/0000	2-10021/1148	08/19/76	10	8018	50.2	125.2	FFGG	47	32
12052.	3607N	2592-17521	00000/0000	2-10022/0843	09/05/76	50	8255	48.2	127.0	GGGG	46	35
12052.	3605N	2574-17524	00000/0000	2-10021/1202	08/18/76	90	8004	52.0	119.0	GGFG	46	35
12052.	3559N	2538-17534	00000/0000	2-10020/0860	07/13/76	30	7502	57.4	106.6	GGGG	46	35
12053.	4428N	2396-18064	00000/0000	2-10016/0237	02/22/76	90	5522	27.8	143.3	FFFF	48	29
12053.	4426N	2630-18000	00000/0000	2-10023/0847	10/13/76	0	8785	32.0	147.6	GGGG	48	29
12053.	4024N	2593-17564	00000/0000	2-10022/0604	09/06/76	10	8269	45.9	132.3	GGGG	47	32
12053.	4021N	2431-18011	00000/0000	2-10017/0553	03/28/76	80	6010	43.1	134.0	GGGG	47	32
12053.	4014N	2539-17581	00000/0000	2-10020/0801	07/14/76	0	7516	56.6	114.1	GGFF	47	32
12053.	3606N	2700-17481	00000/0000	2-10025/1492	12/22/76	40	9761	22.6	146.8	GGFG	46	35
12053.	3605N	2718-17473	00000/0000	2-10026/0368	01/09/77	10	12	22.7	144.0	FGGG	46	35
12053.	3555N	2502-17544	00000/0000	2-10019/0256	06/07/76	10	7000	59.5	106.6	GGGF	46	35
12053.	3555N	2520-17541	00000/0000	2-10020/0040	06/25/76	10	7251	58.9	104.7	GGFG	46	35

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0727

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
12054	4022N	2719-17520	00000/0000	2-10026/0398	01/10/77	40	26	19.8	145.8	GGGG		47	32
12054	4018N	2683-17532	00000/0000	2-10025/0971	12/05/76	10	9524	21.2	150.1	GGGG		47	32
12054	3603N	2610-17514	00000/0000	2-10022/1335	09/23/76	20	8506	43.6	134.7	GGGF		46	35
12054	3600N	2682-17490	00000/0000	2-10025/0895	12/04/76	10	9510	24.6	148.2	GGGG		46	35
12055	4022N	2701-17524	00000/0000	2-10025/1526	12/23/76	60	9775	19.4	148.5	GGGG		47	32
12055	4011N	2503-17591	00000/0000	2-10019/0713	06/08/76	40	7014	58.8	114.3	GGGG		47	32
12055	4011N	2521-17584	00000/0000	2-10020/0054	06/26/76	0	7265	58.3	112.4	GFGG		47	32
12055	3557N	2412-17571	00000/0000	2-10016/0965	03/09/76	30	5745	38.7	134.2	GGGG		46	35
12056	4017N	2611-17561	00000/0000	2-10022/1362	09/24/76	10	8520	40.8	138.9	GGGG		47	32
12056	4013N	2665-17541	00000/0000	2-10025/0937	11/17/76	10	9273	24.9	150.1	GGGG		47	32
12056	3556N	2664-17494	00000/0000	2-10025/0403	11/16/76	10	9259	28.4	147.8	GGGG		46	35
12057	4731N	2469-18092	00000/0000	2-10018/0624	05/05/76	80	6540	51.5	134.3	GGGG		49	27
12057	4011N	2413-18014	00000/0000	2-10017/0025	03/10/76	10	5759	36.6	137.4	FGGG		47	32
12057	3554N	2394-17574	00000/0000	2-10016/0185	02/20/76	10	5494	32.7	138.2	GGGG		46	35
12057	3554N	2646-17503	00000/0000	2-10024/0133	10/29/76	20	9008	33.2	145.5	GGGG		46	35
12058	4732N	2451-18095	00000/0000	2-10017/1474	04/17/76	70	6289	46.1	137.8	GFFG		49	27
12058	4014N	2395-18021	00000/0000	2-10016/0215	02/21/76	0	5508	30.3	140.8	GGGG		47	32
12058	3555N	2628-17510	00000/0000	2-10023/0724	10/11/76	40	8757	38.5	141.0	GGGG		46	35
12059	4011N	2647-17545	00000/0000	2-10024/0163	10/30/76	0	9022	29.8	148.2	PGGG		47	32
12059	3551N	2376-17581	00000/0000	2-10015/0398	02/02/76	30	5243	27.8	141.9	GGGG		46	35
12100	4731N	2433-18102	00000/0000	2-10017/0711	03/30/76	80	6038	39.7	140.5	FGGG		49	27
12100	4010N	2629-17553	00000/0000	2-10023/0824	10/12/76	0	8771	35.4	144.4	GGGG		47	32
12100	4008N	2377-18024	00000/0000	2-10015/0440	02/03/76	0	5257	25.2	144.0	FGGG		47	32
12102	4733N	2577-18063	00000/0000	2-10021/1264	08/21/76	10	8046	46.4	134.8	GGGG		49	27
12102	4730N	2595-18060	00000/0000	2-10022/0715	09/08/76	10	8297	41.2	140.3	G GG		49	27
12102	4722N	2487-18090	00000/0000	2-10018/1360	05/23/76	80	6791	55.1	130.1	GGGG		49	27
12104	4729N	2703-18020	00000/0000	2-10025/1572	12/25/76	90	9803	14.0	151.2	GGGG		49	27
12105	4721N	2541-18079	00000/0000	2-10020/1058	07/16/76	0	7544	54.1	126.0	GGGG		49	27
12106	4724N	2613-18053	00000/0000	2-10023/0041	09/26/76	20	8548	35.5	145.5	GGGG		49	27
12106	4724N	2685-18024	00000/0000	2-10025/1044	12/07/76	70	9552	15.4	153.1	GGGF		49	27
12106	4721N	2415-18110	00000/0000	2-10016/1174	03/12/76	30	5787	32.9	142.7	GGGF		49	27
12106	4718N	2503-18083	00000/0000	2-10019/0798	06/10/76	60	7042	56.6	126.5	GGGG		49	27
12106	4717N	2523-18080	00000/0000	2-10020/0139	06/28/76	20	7293	56.2	124.8	GGGG		49	27
12107	4720N	2667-18033	00000/0000	2-10025/0456	11/19/76	70	9301	18.9	153.6	GGGG		49	27
12109	4719N	2631-18045	00000/0000	2-10023/0933	10/14/76	10	8799	29.6	149.7	GGGG		49	27

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0728

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RFLI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL PBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
12109	4716N	2397-18113	00000/0000	2-10016/0319	02/23/76	50	5536	26.3	144.9	GGGG		49	27
12111	4715N	2649-18041	00000/0000	2-10024/0282	11/01/76	10	9050	23.9	152.4	GGGG		49	27
12112	4709N	2379-18120	00000/0000	2-10015/0545	02/05/76	0	5285	20.7	147.4	GGGG		49	27
12112	4317N	2450-18052	00000/0000	2-10017/1431	04/16/76	60	6275	48.2	133.0	GGGG		48	30
12113	4316N	2468-18045	00000/0000	2-10018/0556	05/04/76	50	6526	53.3	128.6	GGGG		48	30
12114	3440N	2466-17560	00000/0000	2-10018/0542	05/02/76	0	6498	56.0	116.2	GGGG		46	36
12115	3443N	2448-17563	00000/0000	2-10017/1400	04/14/76	40	6247	51.4	122.8	GGGG		46	36
12116	4314N	2432-18060	00000/0000	2-10017/0576	03/29/76	10	6024	41.9	136.6	GGGG		48	30
12116	4307N	2486-18043	00000/0000	2-10018/1415	05/22/76	30	6777	56.7	123.5	GGFG		48	30
12116	3857N	2467-18003	00000/0000	2-10018/0529	05/03/76	0	6512	54.8	122.5	GGGG		47	33
12116	3435N	2484-17553	00000/0000	2-10018/1237	05/20/76	90	6749	58.7	109.3	GGGG		46	36
12117	5008N	2542-18122	00000/0000	2-10020/1043	07/17/76	10	7558	52.7	130.4	GGGG		50	25
12117	3438N	2430-17570	00000/0000	2-10017/0692	03/27/76	10	5996	45.7	128.4	GGGG		46	36
12118	5007N	2506-18132	00000/0000	2-10019/0833	06/11/76	90	7056	55.4	131.0	GGGG		50	25
12118	4316N	2576-18020	00000/0000	2-10022/0121	08/20/76	10	8032	48.8	129.2	GGGG		48	30
12118	4314N	2722-17573	00000/0000	2-10025/1551	12/24/76	40	9789	17.2	149.6	FFGG		48	30
12118	3439N	2574-17530	00000/0000	2-10021/1203	08/18/76	100	8004	52.4	117.0	GGGG		46	36
12119	5005N	2524-18125	00000/0000	2-10020/0235	06/29/76	40	7307	55.0	129.4	GGGG		50	25
12119	4314N	2720-17565	00000/0000	2-10026/0444	01/11/77	60	40	17.9	146.9	GGGG		48	30
12119	4313N	2594-18013	00000/0000	2-10022/0652	09/07/76	0	8283	44.1	135.7	GGGG		48	30
12119	4309N	2684-17552	00000/0000	2-10025/1005	12/06/76	0	9538	18.9	151.3	GGFF		48	30
12119	4308N	2414-18063	00000/0000	2-10016/1168	03/11/76	10	5773	35.2	139.5	GGGG		48	30
12119	4303N	2540-18030	00000/0000	2-10020/0942	07/15/76	0	7530	55.7	118.9	GGGG		48	30
12119	3900N	2449-18010	00000/0000	2-10017/1424	04/15/76	40	6261	49.9	128.0	GGGG		47	33
12119	3440N	2592-17523	00000/0000	2-10022/0844	09/05/76	80	8255	48.8	125.4	GGGG		46	36
12119	3434N	2538-17541	00000/0000	2-10020/0861	07/13/76	90	7502	57.5	104.1	GGGG		46	36
12120	5008N	2398-18152	00000/0000	2-10016/0342	02/24/76	90	5550	24.7	146.6	FGGG		50	25
12120	3851N	2455-18000	00000/0000	2-10018/1394	05/21/76	30	6763	57.9	116.6	GGGG		47	33
12120	3440N	2700-17464	00000/0000	2-10025/1493	12/22/76	20	9761	23.6	146.1	GGGG		46	36
12120	3439N	2718-17475	00000/0000	2-10026/0369	01/09/77	10	12	23.7	143.4	GGGG		46	36
12120	3437N	2610-17520	00000/0000	2-10022/1336	09/23/76	90	8506	44.4	133.3	GGGG		46	36
12121	4306N	2612-18010	00000/0000	2-10022/1448	09/25/76	0	8534	38.7	141.7	FGGG		48	30
12121	4302N	2648-17594	00000/0000	2-10024/0246	10/31/76	80	9036	27.4	150.0	GGGG		48	30
12121	4300N	2522-18033	00000/0000	2-10020/0085	06/27/76	10	7279	57.6	117.4	GGFG		48	30
12121	3900N	2575-17573	00000/0000	2-10021/1149	08/19/76	10	8018	50.8	123.3	FGGG		47	33

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0729

PRINCIPAL PRNT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
12121	3434N	2682-17492	00000/0000	2-10025/0896	12/04/76	80	9510	25.7	147.5	GGGG		46	36
12122	5006N	2632-18094	00000/0000	2-10023/1166	10/15/76	0	8813	27.2	151.7	GGGG		50	25
12122	4305N	2666-17590	00000/0000	2-10025/0385	11/18/76	20	9287	22.5	151.5	GGGG		48	30
12122	3858N	2593-17570	00000/0000	2-10022/0605	09/06/76	0	8269	46.6	130.7	GGGG		47	33
12122	3856N	2431-18013	00000/0000	2-10017/0554	03/28/76	20	6010	43.9	132.6	GGGG		47	33
12122	3849N	2539-17584	00000/0000	2-10020/0802	07/14/76	0	7516	56.9	111.7	GFFP		47	33
12122	3431N	2412-17574	00000/0000	2-10016/0966	03/09/76	60	5745	39.4	133.0	GGGG		46	36
12123	3856N	2719-17522	00000/0000	2-10026/0399	01/10/77	30	26	20.8	145.1	GGGG		47	33
12123	3853N	2683-17535	00000/0000	2-10025/0972	12/05/76	10	9524	22.3	149.5	PGGG		47	33
12123	3430N	2664-17501	00000/0000	2-10025/0404	11/16/76	10	9259	29.4	147.1	GGGG		46	36
12123	3429N	2646-17505	00000/0000	2-10024/0134	10/29/76	70	9008	34.3	144.6	GGGG		46	36
12124	4257N	2378-18073	00000/0000	2-10015/0482	02/04/76	10	5271	23.4	145.3	GGGG		48	30
12124	3856N	2701-17530	00000/0000	2-10025/1527	12/23/76	70	9775	20.4	147.9	GGGG		47	33
12124	3852N	2611-17563	00000/0000	2-10022/1363	09/24/76	10	8520	41.7	137.7	GGGG		47	33
12124	3846N	2521-17571	00000/0000	2-10020/0055	06/26/76	10	7265	58.6	109.9	GFGG		47	33
12124	3429N	2394-17581	00000/0000	2-10016/0186	02/20/76	10	5494	33.5	137.2	GGGG		46	36
12125	4955N	2340-18165	00000/0000	2-10015/0584	02/06/76	10	5299	19.0	148.7	GGGG		50	25
12125	4950N	2488-18135	00000/0000	2-10019/0046	05/24/76	90	6805	54.0	133.8	GGGG		50	25
12125	4302N	2396-18070	00000/0000	2-10016/0238	02/22/76	60	5522	28.8	142.4	GFFF		48	30
12125	4300N	2630-18002	00000/0000	2-10023/0848	10/13/76	0	8785	39.1	146.6	GGGG		48	30
12125	3845N	2503-17593	00000/0000	2-10019/0714	06/08/76	10	7014	59.1	111.7	GGGG		47	33
12125	3429N	2628-17513	00000/0000	2-10023/0725	10/11/76	90	8757	39.5	139.9	GGGG		46	36
12126	3847N	2665-17544	00000/0000	2-10025/0938	11/17/76	30	9273	26.0	149.4	GGGG		47	33
12126	3846N	2413-18021	00000/0000	2-10017/0026	03/10/76	40	5759	37.4	136.3	GGGG		47	33
12126	3426N	2376-17584	00000/0000	2-10015/0399	02/02/76	90	5243	28.8	141.1	GFGG		46	36
12127	3850N	2395-18024	00000/0000	2-10016/0216	02/21/76	0	5508	31.2	139.8	GGGG		47	33
12128	3846N	2647-17552	00000/0000	2-10024/0164	10/30/76	10	9022	30.9	147.4	GGGG		47	33
12129	3844N	2629-17560	00000/0000	2-10023/0825	10/12/76	0	8771	36.4	143.3	GGGG		47	33
12129	3842N	2377-18030	00000/0000	2-10015/0441	02/03/76	10	5257	26.1	143.2	FGGG		47	33
12132	4606N	2469-18035	00000/0000	2-10018/0625	05/05/76	60	6540	52.2	132.4	GGGG		49	28
12133	4607N	2451-18102	00000/0000	2-10017/1475	04/17/76	90	6289	47.0	136.2	GFGG		49	28
12135	4606N	2433-18105	00000/0000	2-10017/0712	03/30/76	70	6038	40.6	139.2	GGGG		49	28
12137	4608N	2577-18065	00000/0000	2-10021/1265	08/21/76	10	8046	47.1	133.1	GGGG		49	28
12137	4606N	2595-18062	00000/0000	2-10022/0716	09/08/76	0	8297	42.1	138.9	G GG		49	28
12137	4556N	2487-18092	00000/0000	2-10018/1361	05/23/76	90	6791	55.7	127.9	GGGG		49	28

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR HIS  
FROM 01/22/76 TO 01/22/77

PAGE 0730

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION IN ROLL	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	GRAIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MBOF	MSS IMAGE GAIN	GRAIT PATH NUM.	FRAME ROW NUM.
12139	4604N	2703-18022	00000/0000	2-10025/1573	12/25/76	80	9803	15.0	150.6	GGGG		49	28
12139	4556N	2541-18080	00000/0000	2-10020/1059	07/16/76	0	7544	54.6	123.7	GGGG		49	28
12141	4559N	2613-18055	00000/0000	2-10023/0042	09/26/76	20	8548	36.5	144.4	GGGG		49	28
12141	4559N	2685-18031	00000/0000	2-10025/1045	12/07/76	70	9552	16.5	152.4	FGGG		49	28
12141	4556N	2415-18113	00000/0000	2-10016/1175	03/12/76	10	5787	33.8	141.6	GGGG		49	28
12141	4552N	2523-18043	00000/0000	2-10020/0140	06/28/76	10	7293	56.7	122.4	GGGG		49	28
12142	4555N	2667-18035	00000/0000	2-10025/0457	11/19/76	70	9301	20.0	152.9	GGGG		49	28
12143	3312N	2430-17573	00000/0000	2-10017/0633	03/27/76	10	5996	46.3	126.8	GGGG		46	37
12144	4554N	2631-18052	00000/0000	2-10023/0934	10/14/76	10	8799	30.6	148.8	GGGG		49	28
12144	4551N	2397-18120	00000/0000	2-10016/0320	02/23/76	70	5536	27.2	144.0	GGGG		49	28
12144	4152N	2450-18055	00000/0000	2-10017/1432	04/16/76	40	6275	48.9	131.3	GGGG		48	31
12144	4150N	2468-18052	00000/0000	2-10018/0557	05/04/76	30	6526	53.9	126.5	GGGG		48	31
12144	3732N	2467-18005	00000/0000	2-10018/0530	05/03/76	20	6512	55.3	120.3	GGGG		47	34
12144	3313N	2574-17533	00000/0000	2-10021/1204	08/18/76	60	8004	52.8	115.0	GGGG		46	37
12145	3314N	2592-17530	00000/0000	2-10022/0845	09/05/76	90	8255	49.4	123.6	GGGG		46	37
12146	4550N	2649-18044	00000/0000	2-10024/0283	11/01/76	70	9060	26.0	151.7	GGGG		49	28
12146	3312N	2610-17523	00000/0000	2-10022/1337	09/23/76	90	8506	45.2	131.9	GGGG		46	37
12147	4859N	2452-18151	00000/0000	2-10017/1565	04/18/76	90	6303	45.6	139.3	FGGG		50	26
12147	4855N	2470-18144	00000/0000	2-10018/0547	05/06/76	10	6554	51.0	136.0	G		50	26
12147	4544N	2379-18123	00000/0000	2-10015/0546	02/05/76	0	5285	21.7	146.6	GGGG		49	28
12147	4149N	2432-18062	00000/0000	2-10017/0577	03/29/76	10	6024	42.7	135.2	GGGG		48	31
12147	4141N	2486-18045	00000/0000	2-10018/1416	05/22/76	10	6777	57.2	121.1	GGGG		48	31
12147	3734N	2449-18012	00000/0000	2-10017/1425	04/15/76	30	6261	50.6	126.2	GGGG		47	34
12147	3308N	2682-17495	00000/0000	2-10025/0897	12/04/76	90	9510	26.7	146.8	GGGG		46	37
12148	3726N	2455-18002	00000/0000	2-10018/1395	05/21/76	30	6763	58.3	114.1	GGGG		47	34
12149	3734N	2575-17530	00000/0000	2-10021/1150	08/19/76	80	8018	51.3	121.4	FFFF		47	34
12150	4856N	2578-18114	00000/0000	2-10022/0016	08/22/76	60	8060	45.3	136.7	GGGG		50	26
12150	4856N	2722-18063	00000/0000	2-10026/0507	01/13/77	90	68	14.0	149.1	GGGG		50	26
12150	4854N	2434-18154	00000/0000	2-10017/0748	03/31/76	70	6052	39.2	141.7	GGGG		50	26
12150	4150N	2576-18022	00000/0000	2-10022/0122	08/20/76	0	8032	49.4	127.4	GGGG		48	31
12150	4148N	2702-17530	00000/0000	2-10025/1552	12/24/76	30	9789	18.3	149.0	GGGG		48	31
12150	4147N	2594-18015	00000/0000	2-10022/0653	09/07/76	0	8283	44.8	134.2	GGGG		48	31
12150	4144N	2684-17584	00000/0000	2-10025/1006	12/06/76	0	9538	20.0	150.7	GGFF		48	31
12150	4142N	2414-18070	00000/0000	2-10016/1169	03/11/76	10	5773	36.0	138.4	GGGG		48	31
12150	4138N	2540-18033	00000/0000	2-10020/0943	07/15/76	0	7530	56.1	116.6	GGGG		48	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA TYPE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 25, 1977

 LANDSAT-2  
 COORDINATE LISTING  
 FOR US

PAGE 0731

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN REEL RBV MSS	ROLL No./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
12150W 3731N	2533-17573	00000/0000	2-10022/0606	09/06/76	10	8269	47.3	129.1	GGGG			47	34
12150W 3730N	2431-18020	00000/0000	2-10017/0555	03/28/76	20	6010	44.6	131.1	GGGG			47	34
12150W 3723N	2539-17590	00000/0000	2-10020/0803	07/14/76	30	7516	57.1	109.2	FFFP			47	34
12151W 4148N	2720-17571	00000/0000	2-10024/0445	01/11/77	50	40	18.9	146.2	GGGG			48	31
12152W 3730N	2701-17533	00000/0000	2-10025/1528	12/23/76	60	9775	21.5	147.3	GGGG			47	34
12152W 3730N	2719-17525	00000/0000	2-10025/0400	01/10/77	70	26	21.8	144.5	GGGG			47	34
12152W 3728N	2683-17541	00000/0000	2-10025/0973	12/05/76	10	9524	23.4	148.8	GGGG			47	34
12152W 3720N	2521-17593	00000/0000	2-10020/0056	06/26/76	10	7265	58.8	107.3	FGGG			47	34
12152W 3300N	2376-17590	00000/0000	2-10015/0400	02/02/76	90	5243	29.7	140.3	GGGF			46	37
12153W 4851N	2560-18122	00000/0000	2-10021/0553	08/04/76	90	7809	49.9	131.8	GGGG			50	26
12153W 4140N	2666-17593	00000/0000	2-10025/0386	11/18/76	20	9287	23.6	150.8	GGGG			48	31
12153W 4138N	2648-18001	00000/0000	2-10024/0247	10/31/76	60	9036	28.5	149.2	GGGG			48	31
12153W 4135N	2522-18040	00000/0000	2-10020/0086	06/27/76	10	7279	58.0	114.9	GGGG			48	31
12153W 3726N	2611-17570	00000/0000	2-10022/1364	09/24/76	40	8520	42.5	136.4	GGGG			47	34
12153W 3720N	2503-18000	00000/0000	2-10019/0715	06/08/76	10	7014	59.3	109.1	GGGF			47	34
12154W 4854N	2596-18111	00000/0000	2-10022/0846	09/09/76	0	8311	40.0	142.0	GGGG			50	26
12154W 4848N	2416-18152	00000/0000	2-10016/1083	03/13/76	40	5801	32.3	143.7	GGGG			50	26
12154W 4141N	2612-18012	00000/0000	2-10022/1449	09/25/76	10	8534	39.6	140.5	GGGG			48	31
12154W 3721N	2665-17550	00000/0000	2-10025/0939	11/17/76	40	9273	27.1	148.6	GGGG			47	34
12154W 3720N	2413-18023	00000/0000	2-10017/0027	03/12/76	70	5759	38.2	135.1	GGGG			47	34
12155W 4848N	2636-18040	00000/0000	2-10025/1112	12/08/76	80	9566	14.2	153.6	GGGG			50	26
12155W 4133N	2378-18040	00000/0000	2-10015/0483	02/04/76	20	5271	24.4	144.6	GGFG			48	31
12155W 3723N	2395-18030	00000/0000	2-10016/0217	02/21/76	10	5508	32.1	138.9	FGGG			47	34
12156W 4844N	2542-18125	00000/0000	2-10020/1044	07/17/76	20	7558	53.4	128.2	GGGG			50	26
12156W 4843N	2506-18135	00000/0000	2-10019/0834	06/11/76	100	7056	56.1	128.7	GGGG			50	26
12156W 4137N	2396-18073	00000/0000	2-10016/0239	02/22/76	20	5522	29.7	141.5	FFFG			48	31
12156W 4135N	2630-18005	00000/0000	2-10023/0849	10/13/76	0	8785	34.1	145.6	GGGG			48	31
12157W 4841N	2524-18132	00000/0000	2-10020/0236	06/29/76	70	7307	55.6	127.1	GFFF			50	26
12157W 3721N	2647-17554	00000/0000	2-10024/0165	10/30/76	50	9022	31.9	146.5	GGGG			47	34
12157W 3718N	2629-17562	00000/0000	2-10023/0826	10/12/76	0	8771	37.3	142.3	GGGG			47	34
12157W 3716N	2377-18033	00000/0000	2-10015/0442	02/03/76	50	5257	27.1	142.5	GGGG			47	34
12158W 4847N	2614-18104	00000/0000	2-10023/0105	09/27/76	10	8562	34.2	146.8	GGGG			50	26
12158W 4844N	2668-18045	00000/0000	2-10015/0415	11/20/76	20	9315	17.6	154.2	GGGG			50	26
12159W 4843N	2398-18165	00000/0000	2-10016/0343	02/24/76	90	5550	25.6	145.7	GGFG			50	26
12159W 4841N	2650-18033	00000/0000	2-10024/0306	11/02/76	40	9064	22.5	153.3	GGGG			50	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0732

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
12201N	4841N	2632-18101	00000/0000	2-10023/1167	10/15/76	10	8813	28.2	150.8	GGGG		50	26
12202N	4826N	2488-18142	00000/0000	2-10019/0047	05/24/76	100	6805	54.7	131.6	GGGG		50	26
12203N	4830N	2380-18172	00000/0000	2-10015/0585	02/06/76	0	5299	20.0	148.0	FFFF		50	26
12205N	4440N	2469-18101	00000/0000	2-10018/0626	05/05/76	70	6540	52.9	130.4	GGGG		49	29
12207N	4442N	2451-18104	00000/0000	2-10017/1476	04/17/76	100	6289	47.7	134.5	FGGG		49	29
12209W	4441N	2433-18111	00000/0000	2-10017/0713	03/30/76	70	6038	41.4	137.8	GGGG		49	29
12210W	4431N	2437-18095	00000/0000	2-10018/1362	05/23/76	90	6791	56.3	125.6	GGGG		49	29
12211N	4443N	2577-18072	00000/0000	2-10021/1266	08/21/76	10	8046	47.8	131.4	GGGG		49	29
12211N	4441N	2595-18065	00000/0000	2-10022/0717	09/08/76	10	8297	42.9	137.5	G FF		49	29
12212N	3606N	2467-18012	00000/0000	2-10018/0531	05/03/76	90	6512	55.8	118.1	GGGG		47	35
12213W	4439N	2703-18025	00000/0000	2-10025/1574	12/25/76	80	9803	16.1	150.0	GGGG		49	29
12213N	4431N	2541-18082	00000/0000	2-10020/1060	07/16/76	0	7544	55.1	121.5	GGGG		49	29
12214N	4431N	2415-18115	00000/0000	2-10016/1176	03/12/76	10	5787	34.7	140.5	GGGG		49	29
12214N	4427N	2523-18035	00000/0000	2-10020/0141	06/28/76	10	7293	57.1	120.0	GGGG		49	29
12214N	4025N	2468-18054	00000/0000	2-10018/0558	05/04/76	10	6526	54.5	124.4	GGGG		48	32
12214N	3608N	2449-18015	00000/0000	2-10017/1426	04/15/76	50	6261	51.2	124.4	GGGG		47	35
12215N	4434N	2613-18062	00000/0000	2-10023/0043	09/26/76	30	8548	37.5	143.2	GGGG		49	29
12215N	4434N	2685-18033	00000/0000	2-10025/1046	12/07/76	40	9552	17.6	151.8	GGFG		49	29
12215N	4026N	2450-18061	00000/0000	2-10017/1433	04/16/76	20	6275	49.6	129.6	GGGG		48	32
12216N	4430N	2667-18042	00000/0000	2-10025/0458	11/19/76	50	9301	21.1	152.2	GGGG		49	29
12216N	3608N	2575-17582	00000/0000	2-10021/1151	08/19/76	90	8018	51.8	119.5	FFFF		47	35
12216N	3600N	2485-18005	00000/0000	2-10018/1396	05/21/76	90	6763	58.6	111.5	GGGG		47	35
12217N	4024N	2432-18065	00000/0000	2-10017/0578	03/29/76	10	6024	43.5	133.8	GGGG		48	32
12217N	4016N	2486-18052	00000/0000	2-10018/1417	05/22/76	10	6777	57.7	118.7	GGGG		48	32
12218N	4429N	2631-18054	00000/0000	2-10023/0935	10/14/76	10	8799	31.7	147.8	GGGG		49	29
12218N	4427N	2397-18122	00000/0000	2-10016/0321	02/23/76	90	5536	28.2	143.1	FGGG		49	29
12218N	3605N	2593-17575	00000/0000	2-10022/0607	09/06/76	40	8269	47.9	127.5	GGGG		47	35
12218N	3558N	2539-17593	00000/0000	2-10020/0793	07/14/76	90	7516	57.3	106.8	F PP		47	35
12219N	3604N	2719-17531	00000/0000	2-10026/0401	01/10/77	70	26	22.8	143.9	GGGG		47	35
12219N	3603N	2683-17544	00000/0000	2-10025/0974	12/05/76	20	9524	24.4	148.2	FGFF		47	35
12220N	4426N	2649-18050	00000/0000	2-10024/0284	11/01/76	80	9050	26.0	150.9	GGGG		49	29
12220N	4419N	2379-18125	00000/0000	2-10015/0547	02/05/76	0	5285	22.7	145.9	GGGG		49	29
12220N	4024N	2576-18025	00000/0000	2-10022/0123	05/20/76	0	8032	50.0	125.6	GGGG		48	32
12220N	4023N	2702-17542	00000/0000	2-10025/1553	12/24/76	10	9789	19.3	148.4	FGGG		48	32
12220N	4021N	2594-18022	00000/0000	2-10022/0654	09/07/76	0	8283	45.6	132.6	GGGG		48	32

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01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0733

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
12220N	4017N	2414-18072	00000/0000	2-10016/1170	03/11/76	0	5773	36.9	137.3	GGGG		48	32
12220N	4012N	2540-18035	00000/0000	2-10020/0944	07/15/76	0	7530	56.4	114.2	GGGG		48	32
12220N	3604N	2701-17535	00000/0000	2-10025/1529	12/23/76	30	9775	22.5	146.6	GGGG		47	35
12220N	3601N	2611-17572	00000/0000	2-10022/1365	09/24/76	80	8520	43.4	135.0	GGGG		47	35
12221N	4022N	2720-17574	00000/0000	2-10026/0446	01/11/77	50	40	19.9	145.6	GGGG		48	32
12221N	4019N	2684-17591	00000/0000	2-10025/1007	12/06/76	10	9538	21.0	150.0	FGGG		48	32
12221N	3555N	2413-18030	00000/0000	2-10017/0028	03/10/76	90	5759	39.0	133.9	GGG		47	35
12222N	3555N	2665-17553	00000/0000	2-10025/0940	11/17/76	50	9273	28.1	147.9	GGGG		47	35
12223N	4011N	2522-18042	00000/0000	2-10020/0087	06/27/76	0	7279	58.3	112.4	FGGG		48	32
12224N	4734N	2452-18153	00000/0000	2-10017/1566	04/18/76	80	6303	46.5	137.7	GGGG		50	27
12224N	4729N	2470-18150	00000/0000	2-10018/0648	05/06/76	10	6554	51.7	134.1	GGGG		50	27
12224N	4016N	2612-18015	00000/0000	2-10022/1450	09/25/76	10	8534	40.5	139.3	GGGG		48	32
12224N	4015N	2666-17595	00000/0000	2-10025/0387	11/18/76	30	9287	24.6	150.1	GGGG		48	32
12224N	4012N	2648-18003	00000/0000	2-10024/0248	10/31/76	40	9036	29.6	148.3	GGGG		48	32
12225N	4007N	2378-18082	00000/0000	2-10015/0484	02/04/76	20	5271	25.4	143.8	GGGG		48	32
12225N	3555N	2647-17561	00000/0000	2-10024/0166	10/30/76	70	9022	33.0	145.6	GGGG		47	35
12225N	3553N	2629-17565	00000/0000	2-10023/0827	10/12/76	20	8771	38.3	141.2	GGGG		47	35
12226N	4012N	2396-18075	00000/0000	2-10016/0240	02/22/76	30	5522	30.6	140.6	FGGG		48	32
12226N	4010N	2630-18011	00000/0000	2-10023/0850	10/13/76	0	8785	35.1	144.6	GGGG		48	32
12227N	4732N	2704-18074	00000/0000	2-10025/1594	12/26/76	80	9817	13.9	151.1	GGGG		50	27
12227N	4731N	2578-18121	00000/0000	2-10022/0017	08/22/76	70	8060	46.1	135.0	GGGG		50	27
12227N	4731N	2722-18070	00000/0000	2-10026/0508	01/13/77	50	68	15.0	148.4	GGGG		50	27
12227N	4729N	2434-18161	00000/0000	2-10017/0749	03/31/76	60	6052	40.1	140.3	GGGG		50	27
12230N	4726N	2560-18124	00000/0000	2-10021/0554	08/04/76	90	7809	50.5	129.8	GGGG		50	27
12231N	4729N	2596-18114	00000/0000	2-10022/0847	09/09/76	0	8311	40.9	140.6	FGGG		50	27
12231N	4723N	2416-18164	00000/0000	2-10016/1084	03/13/76	50	5801	33.2	142.6	GGGG		50	27
12232N	4723N	2686-18083	00000/0000	2-10025/1113	12/08/76	90	9566	15.3	153.0	GGGG		50	27
12232N	4719N	2542-18131	00000/0000	2-10020/1045	07/17/76	40	7558	54.0	126.1	GGGG		50	27
12233N	4718N	2506-18141	00000/0000	2-10019/0835	06/11/76	100	7056	56.6	126.3	GGGG		50	27
12233N	4716N	2524-18134	00000/0000	2-10020/0237	06/29/76	90	7307	56.1	124.8	FGGG		50	27
12234N	4722N	2614-18111	00000/0000	2-10023/0106	09/27/76	30	8562	35.2	145.7	GGGG		50	27
12234N	4719N	2668-18091	00000/0000	2-10025/0416	11/20/76	40	9315	18.7	153.6	GGGG		50	27
12235N	4718N	2398-18171	00000/0000	2-10016/0344	02/24/76	100	5550	26.6	144.8	GGGG		50	27
12236N	4717N	2650-18095	00000/0000	2-10024/0307	11/02/76	90	9064	23.6	152.5	GGGG		50	27
12237N	4716N	2632-18103	00000/0000	2-10023/1168	10/15/76	30	8813	29.3	149.9	GGGG		50	27

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US

PAGE 0734

FROM 01/22/76 TO 01/22/77

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
12238	4315N	2469-18104	00000/0000	2-10018/0627	05/05/76	60	6540	53.5	128.3	GGGG		49	30
12239	4706N	2380-18174	00000/0000	2-10015/0586	02/06/76	0	5299	21.1	147.2	FFFG		50	27
12240	4316N	2451-18111	00000/0000	2-10017/1477	04/17/76	100	6289	48.5	132.8	FFGG		49	30
12241	4316N	2433-18114	00000/0000	2-10017/0714	03/30/76	30	6038	42.2	136.4	GGGG		49	30
12242	4305N	2487-18101	00000/0000	2-10018/1363	05/23/76	60	6791	56.8	123.2	GGGG		49	30
12243	5007N	2525-18184	00000/0000	2-10020/0311	06/30/76	80	7321	54.9	129.5	GGGG		51	25
12243	5006N	2507-18191	00000/0000	2-10019/0917	06/12/76	90	7070	55.5	130.8	GGGG		51	25
12243	4318N	2577-18074	00000/0000	2-10021/1267	08/21/76	10	8046	48.5	129.6	GGGG		49	30
12243	3900N	2468-18061	00000/0000	2-10018/0559	05/04/76	10	6526	55.0	122.2	GGGG		48	33
12243	3442N	2575-17585	00000/0000	2-10021/1152	08/19/76	50	8018	52.2	117.5	FGGG		47	36
12243	3433N	2485-18011	00000/0000	2-10018/1397	05/21/76	100	6763	58.8	109.0	GGGG		47	36
12244	5010N	2543-18131	00000/0000	2-10020/1118	07/18/76	10	7572	52.6	130.5	GGGG		51	25
12244	4315N	2595-18071	00000/0000	2-10022/0718	09/08/76	0	8297	43.8	136.0	G GG		49	30
12244	3901N	2450-18064	00000/0000	2-10017/1434	04/16/76	10	6275	50.2	127.8	GGGG		48	33
12244	3439N	2431-18025	00000/0000	2-10017/0556	03/28/76	80	6010	46.0	128.1	GGGG		47	36
12244	3439N	2593-17582	00000/0000	2-10022/0608	09/06/76	70	8269	48.6	125.8	GGGG		47	36
12245	4314N	2703-18031	00000/0000	2-10025/1575	12/25/76	90	9803	17.2	149.4	GGGG		49	30
12245	4305N	2541-18085	00000/0000	2-10020/1061	07/16/76	10	7544	55.6	119.2	GGGG		49	30
12245	3433N	2539-17595	00000/0000	2-10020/0804	07/14/76	100	7516	57.4	104.3	PP		47	36
12246	4306N	2415-18122	00000/0000	2-10016/1177	03/12/76	0	5787	35.6	139.4	GGGG		49	30
12246	3858N	2432-18071	00000/0000	2-10017/0579	03/29/76	10	6024	44.2	132.3	GGGG		48	33
12246	3850N	2456-18054	00000/0000	2-10018/1418	05/22/76	0	6777	58.1	116.2	GGGG		48	33
12246	3438N	2701-17542	00000/0000	2-10025/1530	12/23/76	20	9775	23.6	146.0	GGGG		47	36
12246	3438N	2719-17534	00000/0000	2-10026/0402	01/10/77	50	26	23.8	143.2	GGGF		47	36
12247	5007N	2669-18140	00000/0000	2-10025/0498	11/21/76	90	9329	16.2	154.9	GGGG		51	25
12247	5006N	2633-18153	00000/0000	2-10023/0988	10/16/76	20	8827	26.8	151.9	GGG		51	25
12247	4309N	2655-18040	00000/0000	2-10025/1047	12/07/76	20	9552	18.7	151.2	FGGF		49	30
12247	4308N	2613-18064	00000/0000	2-10023/0044	09/26/76	20	8548	38.4	142.0	GPGG		49	30
12247	4302N	2523-18092	00000/0000	2-10020/0142	06/28/76	0	7293	57.5	117.5	GGGG		49	30
12247	3436N	2611-17575	00000/0000	2-10022/1366	09/24/76	90	8520	44.2	133.7	GGGG		47	36
12248	4305N	2667-18044	00000/0000	2-10025/0459	11/19/76	30	9301	22.2	151.5	FGGG		49	30
12248	3859N	2576-18031	00000/0000	2-10022/0124	08/20/76	10	8032	50.6	123.7	GGGG		48	33
12248	3430N	2665-17555	00000/0000	2-10025/0941	11/17/76	90	9273	29.2	147.2	GGGG		47	36
12248	3429N	2413-18032	00000/0000	2-10017/0029	03/10/76	100	5759	39.8	132.7	GGGG		47	36
12249	3856N	2594-18024	00000/0000	2-10022/0655	09/07/76	0	8283	46.3	131.1	GGGG		48	33

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01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0735

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
12249A	3852N	2414-18075	00000/0000	2-10016/1171	03/11/76	10	5773	37.7	136.1	GGGG		48	33
12249A	3847N	2540-18042	00000/0000	2-10020/0945	07/15/76	30	7530	56.7	111.8	GGGG		48	33
12250A	4304N	2631-18061	00000/0000	2-10023/0936	10/14/76	10	8799	32.7	146.9	GGGG		49	30
12250A	4301N	2397-18125	00000/0000	2-10016/0922	02/23/76	90	5536	29.1	142.2	GGFF		49	30
12250A	3857N	2720-17530	00000/0000	2-10024/0447	01/11/77	50	40	20.9	145.0	GGGG		48	33
12250A	3856N	2702-17585	00000/0000	2-10025/1554	12/24/76	10	9789	20.4	147.8	GGGG		48	33
12250A	3854N	2684-17593	00000/0000	2-10025/1008	12/06/76	10	9538	22.1	149.4	FFFF		48	33
12251A	3845N	2522-18045	00000/0000	2-10020/0038	05/27/76	0	7279	58.5	109.8	GGGG		48	33
12252A	4954N	2381-18224	00000/0000	2-10015/0606	02/07/76	70	5313	19.3	148.6	GGGG		51	25
12252A	4302N	2649-18053	00000/0000	2-10024/0285	11/01/76	90	9050	27.1	150.1	GGGG		49	30
12253A	4255N	2379-18132	00000/0000	2-10015/0548	02/05/76	0	5285	23.7	145.1	GGGG		49	30
12253A	3850N	2612-18021	00000/0000	2-10022/1451	09/25/76	50	8534	41.4	138.0	GGFG		48	33
12253A	3850N	2666-18002	00000/0000	2-10025/0364	11/18/76	50	9287	25.7	149.4	G GG		48	33
12254A	3847N	2648-18010	00000/0000	2-10024/0249	10/31/76	20	9036	30.6	147.5	GGGG		48	33
12254A	3842N	2378-18085	00000/0000	2-10015/0485	02/04/76	10	5271	26.4	143.0	GGGG		48	33
12255A	3847N	2396-18082	00000/0000	2-10016/0241	02/22/76	70	5522	31.5	139.6	FFFF		48	33
12255A	3845N	2630-18014	00000/0000	2-10023/0851	10/13/76	20	8785	36.0	143.6	GGGG		48	33
12259A	4608N	2452-18160	00000/0000	2-10017/1567	04/18/76	80	6303	47.3	136.0	GFSG		50	28
12259A	4604N	2470-18153	00000/0000	2-10018/0649	05/06/76	10	6554	52.4	132.1	GGGG		50	28
12302A	4607N	2704-18080	00000/0000	2-10025/1595	12/26/76	80	9817	15.0	150.5	GGGG		50	28
12302A	4606N	2578-18123	00000/0000	2-10022/0018	08/22/76	30	8060	46.8	133.4	GGGG		50	28
12302A	4604N	2434-18163	00000/0000	2-10017/0750	03/31/76	70	6052	41.0	139.0	GGGG		50	28
12303A	4605N	2722-18072	00000/0000	2-10026/0509	01/13/77	40	68	16.0	147.8	GFSG		50	28
12306A	4604N	2596-18120	00000/0000	2-10022/0848	09/09/76	0	8311	41.8	139.2	GGGG		50	28
12306A	4558N	2416-18171	00000/0000	2-10016/1085	03/13/76	60	5801	34.1	141.5	FGGG		50	28
12307A	4559N	2686-18085	00000/0000	2-10025/1114	12/08/76	90	9566	16.4	152.4	GGGG		50	28
12307A	4554N	2542-18134	00000/0000	2-10020/1046	07/17/76	40	7558	54.5	123.8	GGGG		50	28
12308A	4551N	2524-18141	00000/0000	2-10020/0238	06/29/76	90	7307	56.6	122.4	GGGG		50	28
12309A	4554N	2668-18094	00000/0000	2-10025/0417	11/20/76	70	9315	19.8	152.9	GGGG		50	28
12309A	4150N	2469-18110	00000/0000	2-10018/0628	05/05/76	30	6540	54.2	126.2	GGFG		49	31
12310A	4553N	2398-18174	00000/0000	2-10014/0345	02/24/76	90	5550	27.6	143.9	GGFP		50	28
12311A	4552N	2650-18102	00000/0000	2-10024/0308	11/02/76	90	9064	24.7	151.8	GGGG		50	28
12311A	4151N	2451-18113	00000/0000	2-10017/1478	04/17/76	100	6289	49.2	131.1	GFSG		49	31
12311A	3734N	2468-18063	00000/0000	2-10018/0560	05/04/76	40	6526	55.5	120.0	GGGG		48	34
12312A	4901N	2453-18205	00000/0000	2-10017/1530	04/19/76	70	6317	45.9	139.1	FGGF		51	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR U.S.  
FROM 01/22/76 TO 01/22/77

PAGE 0736

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUN PATH NUM.	FRAME ROW NUM.
12312W	4551N	2632-18110	00000/0000	2-10023/1169	10/15/76	40	8813	30.3	148.9	GGGG		50	28
12312W	4151N	2433-18120	00000/0000	2-10017/0715	03/30/76	10	6038	43.0	135.0	GGGG		49	31
12312W	3735N	2450-18070	00000/0000	2-10017/1435	04/16/76	10	6275	50.9	126.0	FGGG		48	34
12313W	4140N	2487-18104	00000/0000	2-10018/1364	05/23/76	10	6791	57.3	120.8	GGGG		49	31
12314W	4853N	2471-18232	00000/0000	2-10018/0712	05/07/76	0	6568	51.2	135.8	G		51	26
12314W	4542N	2380-18181	00000/0000	2-10015/0587	02/06/76	0	5299	22.1	146.4	FGGG		50	28
12314W	4152N	2577-18041	00000/0000	2-10021/1268	08/21/76	10	8046	49.1	127.8	GGGG		49	31
12314W	3733N	2432-18074	00000/0000	2-10017/0580	03/29/76	10	6024	45.0	130.9	GGGG		48	34
12314W	3725N	2486-18061	00000/0000	2-10014/1419	05/22/76	10	6777	58.4	113.7	GGGG		48	34
12315W	4149N	2535-18074	00000/0000	2-10022/0719	09/08/76	0	8297	44.6	134.6	G GG		49	31
12316W	4858N	2579-18173	00000/0000	2-10021/1339	05/23/76	90	8074	45.0	137.0	GGGG		51	26
12316W	4855N	2435-18212	00000/0000	2-10017/0832	04/01/76	10	6066	39.6	141.6	GGGG		51	26
12316W	4148N	2703-18034	00000/0000	2-10025/1576	12/25/76	90	9803	18.3	148.8	GGGG		49	31
12316W	4140N	2541-18091	00000/0000	2-10021/1062	07/16/76	30	7544	56.0	116.8	GGGG		49	31
12316W	3733N	2576-18034	00000/0000	2-10022/0125	08/20/76	30	8032	51.1	121.8	GGGG		48	34
12317W	4141N	2415-18124	00000/0000	2-10016/1178	03/12/76	0	5787	36.4	138.2	GGGG		49	31
12318W	4853N	2561-18130	00000/0000	2-10021/0588	08/05/76	80	7823	49.6	132.0	GGGG		51	26
12318W	4849N	2417-18220	00000/0000	2-10016/1195	03/14/76	10	5815	32.7	143.6	GGGG		51	26
12318W	4848N	2489-18200	00000/0000	2-10019/0096	05/25/76	70	6819	54.7	132.0	GGGG		49	31
12318W	4144N	2685-18042	00000/0000	2-10025/1048	12/07/76	10	9552	19.8	150.6	FGGG		49	31
12318W	4143N	2613-18071	00000/0000	2-10023/0045	09/26/76	10	8548	39.3	140.8	GGGG		49	31
12318W	4138N	2523-18034	00000/0000	2-10020/0143	06/28/76	10	7293	57.9	115.0	GGGG		49	31
12318W	3731N	2720-17583	00000/0000	2-10026/0448	01/11/77	60	40	21.9	144.3	GGGG		48	34
12318W	3730N	2534-18031	00000/0000	2-10022/0656	09/07/76	10	8283	47.0	129.5	FGGG		48	34
12318W	3730N	2722-17591	00000/0000	2-10025/1555	12/24/76	10	9789	21.5	147.1	GGGG		48	34
12318W	3728N	2684-18000	00000/0000	2-10025/1009	12/06/76	10	9538	23.2	148.8	FGGG		48	34
12318W	3726N	2414-18081	00000/0000	2-10016/1172	03/11/76	10	5773	38.5	135.0	GGGG		48	34
12318W	3722N	2540-18044	00000/0000	2-10020/0946	07/15/76	90	7530	57.0	109.4	GGGG		48	34
12319W	3720N	2522-18051	00000/0000	2-10020/0089	06/27/76	0	7279	58.7	107.2	GGGG		48	34
12320W	4843N	2525-18190	00000/0000	2-10020/0312	06/30/76	70	7321	55.5	127.1	GGGG		51	26
12320W	4139N	2667-18051	00000/0000	2-10025/0460	11/19/76	20	9301	23.3	150.9	GGGG		49	31
12321W	4852N	2597-18170	00000/0000	2-10022/0853	09/10/76	40	8325	39.7	142.2	GGGG		51	26
12321W	4851N	2687-18134	00000/0000	2-10025/1144	12/09/76	70	9580	14.0	153.5	GGGG		51	26
12321W	4841N	2507-18193	00000/0000	2-10019/0918	06/12/76	90	7070	56.1	128.5	GGGG		51	26
12321W	4139N	2631-18063	00000/0000	2-10023/0937	10/14/76	10	8799	33.7	145.9	GGGG		49	31

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 24, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0737

PRINCIPAL POINT OF IMAGE	LAT	LONG	RESOLUTION ID	MICROFILM POSITION	ROLL NO./ IN REEL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
12321.	4137N	2397-18131		00000/0000	2-10016/1323	12/23/76	50	5536	30.0	141.3	FGFG			49	31
12321.	3725N	2612-18024		00000/0000	2-10022/1452	09/25/76	90	8534	42.3	136.7	GGGG			48	34
12321.	3724N	2666-18004		00000/0000	2-10025/1365	11/18/76	70	9287	26.8	148.7	G GG			48	34
12322.	4845N	2543-18142		00000/0000	2-10020/1119	07/18/76	10	7572	53.2	128.4	GGGG			51	26
12322.	3721N	2648-18012		00000/0000	2-10024/1250	10/31/76	20	9036	31.6	146.7	GGGG			48	34
12323.	4847N	2615-18163		00000/0000	2-10023/1087	09/28/76	30	8576	33.9	147.1	GGGG			51	26
12323.	4342N	2399-18223		00000/0000	2-10016/1365	02/25/76	90	5564	26.0	145.6	GFGG			51	26
12323.	3721N	2396-18044		00000/0000	2-10016/1242	02/22/76	70	5522	32.4	138.7	GGGG			48	34
12323.	3717N	2378-18091		00000/0000	2-10015/1486	02/04/76	60	5271	27.3	142.3	GGGF			48	34
12324.	4137N	2649-18045		00000/0000	2-10024/1028	11/01/76	70	9050	28.2	149.3	GGGG			49	31
12324.	4132N	2379-18134		00000/0000	2-10015/1549	12/05/76	0	5285	24.7	144.4	GGGG			49	31
12324.	3719N	2630-18020		00000/0000	2-10023/1085	10/13/76	60	8785	37.0	142.6	GGGG			48	34
12325.	4842N	2669-18142		00000/0000	2-10025/1439	11/21/76	90	9329	17.3	154.2	GGGG			51	26
12326.	4342N	2633-18156		00000/0000	2-10023/1099	10/16/76	20	8827	27.9	151.0	GGGF			51	26
12330.	4330N	2381-18230		00000/0000	2-10015/1607	02/07/76	80	5313	20.3	147.8	FGGG			51	26
12332.	4439N	2470-18155		00000/0000	2-10018/1650	05/06/76	10	6554	53.1	130.1	GGGG			50	29
12333.	4443N	2452-18162		00000/0000	2-10017/1568	04/18/76	80	6303	48.1	134.3	GGGG			50	29
12336.	4442N	2704-18083		00000/0000	2-10025/1596	12/26/76	80	9817	16.1	149.9	GGGG			50	29
12336.	4441N	2578-18130		00000/0000	2-10022/1019	08/22/76	20	8060	47.6	131.7	GGGG			50	29
12336.	4439N	2444-18170		00000/0000	2-10017/1751	03/31/76	60	6052	41.8	137.6	GGGG			50	29
12337.	4440N	2722-18075		00000/0000	2-10025/1510	01/13/77	70	68	17.1	147.2	FGGG			50	29
12339.	4024N	2469-18112		00000/0000	2-10018/1629	05/05/76	20	6540	54.7	124.1	FGGG			49	32
12339.	3609N	2468-18070		00000/0000	2-10018/1561	05/04/76	30	6526	56.0	117.8	GGGG			48	35
12340.	4439N	2546-18123		00000/0000	2-10022/1089	09/09/76	0	8311	42.7	137.8	GGGG			50	29
12340.	4433N	2415-18172		00000/0000	2-10016/1086	03/13/76	100	5801	35.0	140.3	GGGG			50	29
12340.	4433N	2636-18002		00000/0000	2-10025/1095	12/08/76	90	9566	17.5	151.7	G GG			50	29
12340.	4409N	2542-18140		00000/0000	2-10027/1047	07/17/76	50	7558	55.0	121.6	GGGG			50	29
12340.	3609N	2450-18073		00000/0000	2-10017/1436	04/16/76	40	6275	51.5	124.1	GGFG			48	35
12341.	4426N	2524-18142		00000/0000	2-10020/1239	06/29/76	80	7307	57.1	119.9	GGFF			50	29
12341.	4025N	2451-18120		00000/0000	2-10017/1479	04/17/76	90	6289	49.9	129.3	GGGG			49	32
12342.	4430N	2668-18100		00000/0000	2-10025/1041	11/20/76	40	9315	20.9	152.2	GGGG			50	29
12342.	4026N	2433-18123		00000/0000	2-10017/1716	03/30/76	10	6038	43.8	132.6	GGFG			49	32
12342.	3607N	2432-18090		00000/0000	2-10017/1531	03/29/76	10	6024	45.7	129.4	GGGG			48	35
12342.	3559N	2436-18063		00000/0000	2-10018/1420	05/22/76	50	6777	58.7	111.2	GGGG			48	35
12343.	4015N	2447-18110		00000/0000	2-10018/1365	05/23/76	10	6791	57.8	113.4	GGGG			49	32

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0738

PRINCIPAL POINT OF IMAGE LONG	LAT	SUBSATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
12343A	3606N	2576-18040	00000/0000	2-10022/0126	08/20/76	80	8032	51.6	119.9	GGGG			48	35
12344A	4429N	2398-18130	00000/0000	2-10016/0346	02/24/76	90	5550	28.5	143.0	GFFG			50	29
12345A	4427N	2650-18134	00000/0000	2-10024/0309	11/02/76	80	9064	25.7	151.0	GGGG			50	29
12345A	4027N	2577-18033	00000/0000	2-10021/1269	08/21/76	30	8046	49.8	126.0	GGGG			49	32
12345A	4014N	2541-18034	00000/0000	2-10020/1063	07/16/76	70	7544	56.3	114.5	GGGG			49	32
12345A	3605N	2702-17594	00000/0000	2-10025/1556	12/24/76	20	9789	22.5	146.5	GGGG			48	35
12345A	3605N	2720-17525	00000/0000	2-10026/0449	01/11/77	70	40	22.9	143.7	GFGG			48	35
12345A	3604N	2594-18033	00000/0000	2-10022/0657	09/07/76	20	8283	47.7	127.9	FGGG			48	35
12345A	3602N	2684-18002	00000/0000	2-10025/1010	12/06/76	30	9538	24.3	148.1	FFGF			48	35
12346A	4426N	2632-18112	00000/0000	2-10023/1170	10/15/76	30	8813	31.4	148.0	GGGG			50	29
12346A	4022N	2703-18040	00000/0000	2-10025/1577	12/25/76	90	9803	19.3	148.2	GGGG			49	32
12346A	3554N	2522-18054	00000/0000	2-10020/0090	06/27/76	0	7279	58.8	104.6	GGFG			48	35
12347A	4416N	2380-18133	00000/0000	2-10015/0588	02/06/76	0	5299	23.1	145.7	FGFG			50	29
12347A	4015N	2415-18131	00000/0000	2-10016/1179	03/12/76	0	5787	37.3	137.1	GGGG			49	32
12348A	4018N	2685-18045	00000/0000	2-10025/1049	12/07/76	10	9552	20.9	150.0	GGGG			49	32
12348A	4012N	2523-18101	00000/0000	2-10020/0144	06/28/76	10	7293	58.2	112.5	GGGG			49	32
12348A	3559N	2612-18030	00000/0000	2-10022/1453	09/25/76	50	8534	43.1	135.4	FGGG			48	35
12348A	3559N	2666-18011	00000/0000	2-10025/0388	11/18/76	90	9287	27.9	148.0	GGGG			48	35
12349A	4736N	2453-18212	00000/0000	2-10017/1531	04/19/76	80	6317	46.8	137.5	GGFF			51	27
12349A	4018N	2613-18073	00000/0000	2-10023/0049	09/26/76	40	8548	40.2	139.6	GG			49	32
12350A	4014N	2667-18053	00000/0000	2-10025/0464	11/19/76	10	9301	24.4	150.2	FG			49	32
12350A	3556N	2396-18031	00000/0000	2-10016/0243	02/22/76	70	5522	33.3	137.7	FGGF			48	35
12351A	4728N	2471-18215	00000/0000	2-10018/0713	05/07/76	10	6568	52.0	133.8	GGGG			51	27
12351A	4015N	2631-18070	00000/0000	2-10023/0941	10/14/76	20	8799	34.7	144.9	GG			49	32
12351A	4012N	2397-18134	00000/0000	2-10016/0324	02/23/76	80	5536	31.0	140.4	FFFF			49	32
12352A	4730N	2435-18215	00000/0000	2-10017/0833	04/01/76	30	6066	40.5	140.2	GGGG			51	27
12353A	4733N	2579-18175	00000/0000	2-10021/1340	08/23/76	90	8074	45.8	135.4	GGGG			51	27
12354A	4728N	2561-18142	00000/0000	2-10021/0589	08/05/76	90	7823	50.3	130.1	GGGG			51	27
12354A	4011N	2649-18062	00000/0000	2-10024/0290	11/01/76	60	9050	29.3	148.5	GG			49	32
12354A	4004N	2379-18141	00000/0000	2-10015/0550	02/05/76	10	5285	25.7	143.6	GGGG			49	32
12355A	4732N	2705-18132	00000/0000	2-10026/0037	12/27/76	70	9831	13.9	151.0	GGFG			51	27
12355A	4730N	2723-18124	00000/0000	2-10026/0549	01/14/77	90	82	15.1	148.3	GGGG			51	27
12355A	4725N	2417-18222	00000/0000	2-10016/1196	03/14/76	20	5815	33.6	142.5	GGGG			51	27
12356A	4723N	2469-18212	00000/0000	2-10019/0097	05/25/76	90	6819	55.3	129.7	GGGF			51	27
12357A	4720N	2543-18190	00000/0000	2-10020/1120	07/18/76	10	7572	53.8	126.2	GGGG			51	27

KEYS: CLOUD COVER : ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0739

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROL MSS	DATE ACQUIRED	CLOUD COVER %	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
12357W	4718N	2525-18193	00000/0000	2-10020/0313	06/30/76	80	7321	56.0	124.8	GGGG	51	27
12358W	4726N	2597-18172	00000/0000	2-10022/0854	09/10/76	30	8325	40.6	140.9	GGGG	51	27
12358W	4726N	2647-18141	00000/0000	2-10025/1145	12/09/76	50	9580	15.1	152.9	GGGG	51	27
12358W	4716N	2507-18200	00000/0000	2-10019/0919	06/12/76	80	7070	56.7	126.1	GGGG	51	27
12359W	4722N	2615-18165	00000/0000	2-10023/0088	09/28/76	40	8576	34.9	146.0	GGGG	51	27
12400W	4717N	2399-18230	00000/0000	2-10016/0366	02/25/76	50	5564	27.0	144.7	GGFG	51	27
12402W	4718N	2669-18145	00000/0000	2-10025/0500	11/21/76	70	9329	18.5	153.6	GGGG	51	27
12402W	4717N	2633-18162	00000/0000	2-10023/0990	10/16/76	10	8827	29.0	150.1	GGGG	51	27
12405W	4318N	2452-18165	00000/0000	2-10017/1569	04/18/76	40	6303	48.8	132.6	GGGG	50	30
12405W	4314N	2470-18162	00000/0000	2-10018/0651	05/06/76	10	6554	53.8	128.0	GGGG	50	30
12406W	4706N	2381-18233	00000/0000	2-10015/0608	02/07/76	80	5313	21.3	147.1	GGGG	51	27
12408W	4316N	2578-18132	00000/0000	2-10022/0020	08/22/76	40	8060	48.3	129.9	GGGG	50	30
12408W	4314N	2434-18172	00000/0000	2-10017/0752	03/31/76	60	6052	42.6	136.2	GGGG	50	30
12408W	3858N	2469-18115	00000/0000	2-10018/0630	05/05/76	20	6540	55.3	121.9	FFGG	49	33
12409W	4317N	2704-18085	00000/0000	2-10025/1597	12/26/76	70	9817	17.1	149.3	GGGG	50	30
12410W	5008N	2526-18242	00000/0000	2-10020/0349	07/01/76	90	7335	54.8	129.5	GGGG	52	25
12410W	5008N	2544-18235	00000/0000	2-10020/0822	07/19/76	60	7586	52.4	130.6	GGGG	52	25
12410W	4314N	2722-18031	00000/0000	2-10026/0511	01/13/77	90	68	18.1	146.5	GGGG	50	30
12410W	3900N	2451-18122	00000/0000	2-10017/1480	04/17/76	80	6289	50.6	127.5	GGGG	49	33
12411W	5004N	2508-18245	00000/0000	2-10019/0920	06/13/76	10	7084	55.5	130.7	GGFG	52	25
12412W	4313N	2596-18125	00000/0000	2-10022/0850	09/09/76	10	8311	43.5	136.4	GGGG	50	30
12412W	4307N	2416-18180	00000/0000	2-10016/1087	03/13/76	90	5801	35.9	139.2	GGGG	50	30
12412W	4304N	2542-18143	00000/0000	2-10020/1048	07/17/76	70	7558	55.4	119.3	GGGF	50	30
12412W	3900N	2433-18125	00000/0000	2-10017/0717	03/30/76	30	6038	44.6	132.1	GGGG	49	33
12412W	3850N	2487-18113	00000/0000	2-10018/1366	05/23/76	10	6791	58.2	115.9	FFGG	49	33
12413W	4308N	2686-18094	00000/0000	2-10025/1115	12/08/76	70	9566	18.6	151.1	GGGG	50	30
12413W	4302N	2524-18150	00000/0000	2-10020/0240	06/29/76	60	7307	57.5	117.5	GGFG	50	30
12414W	5006N	2634-18211	00000/0000	2-10023/0968	10/17/76	10	8841	26.5	152.0	GGGF	52	25
12414W	3849N	2541-18100	00000/0000	2-10020/1064	07/16/76	90	7544	56.6	112.1	GGGG	49	33
12415W	4304N	2658-18103	00000/0000	2-10025/0419	11/20/76	40	9315	22.0	151.6	GGGP	50	30
12415W	3856N	2703-18043	00000/0000	2-10025/1578	12/25/76	70	9803	20.4	147.6	GGFG	49	33
12416W	4304N	2398-18133	00000/0000	2-10016/0347	02/24/76	90	5550	29.4	142.1	GGFG	50	30
12417W	4301N	2650-18111	00000/0000	2-10024/0310	11/02/76	70	9064	26.8	150.2	GGGG	50	30
12417W	3853N	2685-18051	00000/0000	2-10025/1050	12/07/76	10	9552	22.0	149.3	GGGG	49	33
12417W	3850N	2415-18133	00000/0000	2-10016/1180	03/12/76	0	5787	38.1	135.9	GGGG	49	33

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0740

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLCUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA HDDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
12417A	3846N	2523-18103	00000/0000	2-10020/0145	06/28/76	0	7293	58.4	109.9	GGGG		49	33
12418A	4301N	2632-18115	00000/0000	2-10023/1171	10/15/76	50	8813	32.4	147.1	GGGG		50	30
12418A	3853N	2613-18080	00000/0000	2-10023/0046	09/26/76	90	8548	41.1	138.4	GGGG	H	49	33
12419A	3849N	2631-18072	00000/0000	2-10023/0938	10/14/76	90	8799	35.7	143.9	GGGG	H	49	33
12419A	3849N	2667-18060	00000/0000	2-10025/0461	11/19/76	10	9301	25.5	149.5	FFFG	H	49	33
12420A	4954N	2382-18282	00000/0000	2-10015/0657	02/08/76	80	5327	19.6	148.5	FFGG		52	25
12420A	4251N	2380-18190	00000/0000	2-10015/0589	02/06/76	0	5299	24.0	144.9	FFFF		50	30
12420A	3846N	2397-18140	00000/0000	2-10016/0325	02/23/76	90	5536	31.9	139.4	GGGG		49	33
12423A	3846N	2649-18064	00000/0000	2-10024/0287	11/01/76	50	9050	30.3	147.7	GGGG	H	49	33
12423A	3839N	2379-18143	00000/0000	2-10015/0551	02/05/76	20	5285	26.7	142.8	GGGG		49	33
12425A	4611N	2453-18214	00000/0000	2-10017/1532	04/19/76	90	6317	47.6	135.8	GGGG		51	28
12426A	4603N	2471-18211	00000/0000	2-10018/0714	05/07/76	20	6568	52.7	131.8	GGGG		51	28
12428A	4607N	2579-18182	00000/0000	2-10021/1341	08/23/76	100	8074	46.6	133.7	GGGG		51	28
12430A	4606N	2705-18135	00000/0000	2-10026/0038	12/27/76	50	9831	15.0	150.4	GGGG		51	28
12430A	4604N	2723-18130	00000/0000	2-10026/0550	01/14/77	90	82	16.2	147.6	GGGG		51	28
12431A	4553N	2525-18195	00000/0000	2-10020/0314	06/30/76	70	7321	56.5	122.4	GGGG		51	28
12432A	4601N	2597-18175	00000/0000	2-10027/0855	09/10/76	20	8325	41.5	139.5	GGGG		51	28
12432A	4555N	2543-18192	00000/0000	2-10029/1121	07/18/76	30	7572	54.3	124.0	GGGG		51	28
12433A	4601N	2687-18143	00000/0000	2-10025/1146	12/09/76	40	9580	16.2	152.3	GGGG		51	28
12436A	4552N	2399-18232	00000/0000	2-10016/0367	02/25/76	30	5564	27.9	143.7	FFGG		51	28
12436A	4153N	2452-18171	00000/0000	2-10017/1570	04/18/76	10	6303	49.5	130.8	GGGG		50	31
12436A	4149N	2470-18154	00000/0000	2-10018/0652	05/06/76	10	6554	54.4	125.9	GGGG		50	31
12436A	3733N	2459-18122	00000/0000	2-10018/0631	05/05/76	40	6540	55.7	119.7	GGGG		49	34
12437A	4551N	2633-18164	00000/0000	2-10023/0991	10/16/76	10	8827	30.0	149.1	GGGG		51	28
12439A	4148N	2434-18175	00000/0000	2-10017/0753	03/31/76	70	6052	43.4	134.8	GGGG		50	31
12440A	4858N	2454-18263	00000/0000	2-10018/0041	04/20/76	50	6331	46.3	139.0	GGGG		52	26
12440A	4151N	2704-18092	00000/0000	2-10025/1598	12/26/76	80	9817	18.2	148.7	GGGG		50	31
12440A	4150N	2578-18135	00000/0000	2-10022/0021	08/22/76	70	8060	48.9	128.2	GGGG		50	31
12440A	3734N	2433-18142	00000/0000	2-10017/0718	03/30/76	70	6038	45.3	130.6	GGGG		49	34
12441A	4851N	2472-18261	00000/0000	2-10018/0809	05/08/76	50	6582	51.5	135.5	GGGG		52	26
12441A	4541N	2381-18235	00000/0000	2-10015/0609	02/07/76	40	5313	22.3	146.3	GGGG		51	28
12441A	4149N	2722-18084	00000/0000	2-10026/0512	01/13/77	90	68	19.1	145.9	GGGG		50	31
12442A	4856N	2580-18231	00000/0000	2-10021/1373	08/24/76	70	8088	44.8	137.3	GGGG		52	26
12442A	4139N	2542-18145	00000/0000	2-10020/1049	07/17/76	90	7558	55.8	117.0	GGGG		50	31
12443A	4853N	2436-18271	00000/0000	2-10017/0837	04/02/76	10	6080	40.0	141.8	GGGG		52	26

KEYS: CLCUD COVER % ..... 0 TO 100 = % CLCUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0741

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.	
12443N	4148N	2596-18132	00000/0000	2-10022/0851	09/09/76	10	8311	44.3	134.9	GGGG		50	31
12443N	3724N	2541-18103	00000/0000	2-10020/1065	07/16/76	100	7544	56.8	109.7	GGGG		49	34
12444N	4851N	2562-18234	00000/0000	2-10021/0678	08/06/76	60	7837	49.4	132.2	GGGG		52	26
12444N	4847N	2490-18254	00000/0000	2-10019/0192	05/26/76	90	6833	54.8	131.7	GGGF		52	26
12444N	4142N	2416-18182	00000/0000	2-10016/1088	03/13/76	90	5801	36.8	138.1	GGGG		50	31
12444N	4137N	2524-18152	00000/0000	2-10020/0241	06/29/76	50	7307	57.8	115.0	FGFF		52	26
12445N	4855N	2724-18140	00000/0000	2-10026/0577	01/15/77	80	96	14.2	148.8	GGGG		52	26
12446N	4853N	2538-18224	00000/0000	2-10022/0889	09/11/76	70	8339	39.4	142.5	GGGG		50	31
12446N	4139N	2668-18105	00000/0000	2-10025/0420	11/20/76	60	9315	23.1	150.9	GGGG		49	34
12446N	3727N	2613-18082	00000/0000	2-10023/0047	09/26/76	100	8548	42.0	137.1	GGGG	H	50	31
12447N	4139N	2398-18185	00000/0000	2-10016/0348	02/24/76	90	5550	30.4	141.2	FFFF	H	49	34
12447N	3724N	2667-18062	00000/0000	2-10025/0462	11/19/76	10	9301	26.6	148.8	FFFF	H	49	34
12447N	3723N	2631-18075	00000/0000	2-10023/0939	10/14/76	100	8799	36.7	142.9	GGGG		52	26
12448N	4849N	2688-18192	00000/0000	2-10025/1174	12/10/76	90	9594	13.9	153.5	GGGG		52	26
12448N	4848N	2616-18221	00000/0000	2-10023/0135	09/29/76	50	8590	33.5	147.4	GGGG		52	26
12448N	4844N	2526-18244	00000/0000	2-10020/0350	07/01/76	90	7335	55.4	127.2	GGGG		52	26
12448N	4843N	2544-18241	00000/0000	2-10020/0823	07/19/76	50	7586	53.0	128.5	GGGG		50	31
12448N	4137N	2650-18113	00000/0000	2-10024/0311	11/02/76	70	9044	27.9	149.4	GGGG		49	34
12448N	3720N	2397-18149	00000/0000	2-10016/0326	02/23/76	90	5536	32.7	138.5	FFFF		52	26
12449N	4844N	2400-18281	00000/0000	2-10016/0480	02/26/76	90	5578	26.3	145.5	GGGG		52	26
12449N	4840N	2508-18251	00000/0000	2-10019/0921	06/13/76	30	7084	56.1	128.3	GGFG		52	26
12450N	4846N	2418-18274	00000/0000	2-10017/0061	03/15/76	80	5829	33.1	143.4	GGGG		50	31
12450N	4126N	2380-18192	00000/0000	2-10015/0590	02/06/76	0	5299	25.0	144.2	FFG		49	34
12451N	3720N	2649-18071	00000/0000	2-10024/0288	11/01/76	80	9050	31.4	146.9	GGGG	H	52	26
12452N	4842N	2634-18213	00000/0000	2-10023/0969	10/17/76	10	8841	27.6	151.1	GGGF		52	26
12458N	4830N	2382-18285	00000/0000	2-10015/0658	02/08/76	80	5327	20.6	147.7	GGFF		51	29
12458N	4446N	2453-18221	00000/0000	2-10017/1533	04/19/76	90	6317	48.4	134.1	FGFF		51	29
12500N	4438N	2471-18214	00000/0000	2-10018/0715	05/07/76	20	6568	53.4	129.8	FGGG		51	29
12501N	4440N	2435-18224	00000/0000	2-10017/0834	04/01/76	40	6066	42.2	137.4	GGGG		51	29
12504N	4441N	2705-18141	00000/0000	2-10026/0039	12/27/76	40	9831	16.1	149.8	FGGG		51	29
12504N	4439N	2723-18133	00000/0000	2-10026/0551	01/14/77	90	82	17.2	147.0	FGGG		51	29
12504N	4435N	2417-18231	00000/0000	2-10016/1197	03/14/76	40	5815	35.4	140.2	GGGG		51	29
12505N	4428N	2525-18202	00000/0000	2-10020/0315	06/30/76	50	7321	57.0	120.0	GGGG		51	29
12506N	4436N	2597-18181	00000/0000	2-10022/0856	09/10/76	40	8325	42.4	138.1	GGG		51	29
12506N	4431N	2543-18195	00000/0000	2-10020/1122	07/18/76	30	7572	54.8	121.8	GGGG		51	29

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0742

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROL	DATE ACQUIRED	CLOUD COVER %	SUN ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT		RBV	MSS						123 45678				
12506N	4027N	2452-18174	00000/0000	2-10017/1571	04/18/76	10	6303	50.2	129.1	GGGG			50	32
12506N	4023N	2470-18171	00000/0000	2-10018/0653	05/06/76	10	6554	55.0	123.7	GGGG			50	32
12509N	4022N	2434-18181	00000/0000	2-10017/0754	03/31/76	30	6052	44.2	133.3	GGGG			50	32
12510N	4026N	2633-18171	00000/0000	2-10023/0992	10/16/76	10	8827	31.1	148.2	GGGG			51	29
12510N	4024N	2578-18141	00000/0000	2-10023/0022	08/22/76	80	8060	49.5	126.4	GGGG			50	32
12511N	4025N	2704-18094	00000/0000	2-10025/1599	12/26/76	80	9817	19.3	148.1	GGGG			50	32
12512N	4023N	2722-18090	00000/0000	2-10026/0513	01/13/77	80	68	20.1	145.3	FGGG			50	32
12513N	3601N	2613-18085	00000/0000	2-10023/0048	09/26/76	100	8548	42.8	135.8	GGGG			49	35
12514N	4023N	2596-18134	00000/0000	2-10023/0852	09/09/76	0	8311	45.1	133.4	GGGG			50	32
12514N	4017N	2416-18185	00000/0000	2-10016/1089	03/13/76	80	5801	37.6	136.9	GGGG			50	32
12514N	4011N	2524-18155	00000/0000	2-10020/0242	06/29/76	10	7307	58.1	112.4	FFFF			50	32
12514N	3559N	2667-18065	00000/0000	2-10025/0463	11/19/76	20	9301	27.6	148.1	FFFF			49	35
12514N	3558N	2631-18081	00000/0000	2-10023/0940	10/14/76	130	8799	37.6	141.9	GGGG			49	35
12515N	4416N	2381-18242	00000/0000	2-10015/0610	02/07/76	10	5313	23.3	145.5	FGGG			51	29
12516N	4014N	2668-18112	00000/0000	2-10025/0421	11/20/76	70	9315	24.2	150.2	GGGG			50	32
12517N	4733N	2454-18270	00000/0000	2-10018/0042	04/28/76	40	6331	47.1	137.3	GGGG			52	27
12517N	4726N	2472-18263	00000/0000	2-10018/0810	05/08/76	80	6582	52.2	133.6	GGGG			52	27
12517N	4014N	2398-18192	00000/0000	2-10016/0349	02/24/76	60	5550	31.3	140.2	FGGF			50	32
12517N	4011N	2650-18120	00000/0000	2-10024/0312	11/02/76	50	9064	29.0	148.6	GGGG			50	32
12518N	3555N	2649-18073	00000/0000	2-10024/0289	11/01/76	90	9050	32.4	146.0	GGGG			49	35
12519N	4731N	2580-18233	00000/0000	2-10021/1374	08/24/76	50	8088	45.6	135.7	GGGG			52	27
12520N	4728N	2436-18273	00000/0000	2-10017/0838	04/02/76	10	6080	40.9	140.0	GGGF			52	27
12520N	4001N	2350-18195	00000/0000	2-10015/0591	02/06/76	0	5299	26.0	143.4	FFFF			50	32
12521N	4722N	2490-18260	00000/0000	2-10019/0193	05/26/76	90	6833	55.5	129.5	GGGG			52	27
12523N	4729N	2724-18182	00000/0000	2-10026/0578	01/15/77	80	96	15.3	148.1	GGGG			52	27
12523N	4728N	2598-18230	00000/0000	2-10027/0890	09/11/76	80	8339	40.3	141.2	GGGG			52	27
12524N	4719N	2526-18251	00000/0000	2-10025/0351	07/01/76	70	7335	55.9	124.9	GGGG			52	27
12524N	4718N	2544-18244	00000/0000	2-10020/0824	07/19/76	60	7586	53.6	126.3	GGGG			52	27
12525N	4720N	2400-18244	00000/0000	2-10016/0481	02/26/76	70	5578	27.3	144.6	GGGG			52	27
12526N	4720N	2418-18281	00000/0000	2-10017/0062	03/15/76	70	5829	34.0	142.3	GGGG			52	27
12528N	4717N	2634-18220	00000/0000	2-10023/0970	10/17/76	10	8841	28.6	150.2	GGFF			52	27
12530N	4321N	2453-18223	00000/0000	2-10017/1534	04/19/76	90	6317	49.1	132.4	FGFF			51	30
12533N	4314N	2435-18230	00000/0000	2-10017/0835	04/01/76	40	6066	43.0	136.0	GGGG			51	30
12533N	4312N	2471-18220	00000/0000	2-10018/0716	04/07/76	10	6568	54.0	127.7	FGGG			51	30
12534N	4317N	2579-18191	00000/0000	2-10021/1342	08/23/76	90	8074	48.0	130.3	GGGG			51	30

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 23, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0743

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBV NUM.
12535	4705N	2382-18291	00000/0000	2-10015/0659	02/08/76	80	5327	21.6	146.9	FFFF		52	27
12535	3901N	2452-18180	00000/0000	2-10017/1572	04/18/76	20	6303	50.9	127.2	GGGG		50	33
12536	4315N	2705-18144	00000/0000	2-10026/0040	12/27/76	50	9831	17.1	149.2	GGGG		51	30
12536	4310N	2417-18234	00000/0000	2-10014/1198	03/14/76	30	5815	36.3	139.1	GFFG		51	30
12537	5006N	2365-18342	00000/0000	2-10015/0146	01/22/76	50	5090	15.3	151.0	GGGG		53	25
12537	4304N	2525-18204	00000/0000	2-10020/0316	06/30/76	50	7321	57.4	117.5	GFFG		51	30
12538	5007N	2401-18333	00000/0000	2-10016/0509	02/27/76	90	5592	25.8	146.3	GGGG		53	25
12538	4310N	2597-18184	00000/0000	2-10016/0509	09/10/76	60	8325	43.2	136.7	GGGG		51	30
12538	4306N	2543-18201	00000/0000	2-10020/1123	07/18/76	40	7572	55.3	119.5	GGGG		51	30
12539	5006N	2635-18265	00000/0000	2-10023/1041	10/18/76	10	8855	26.1	152.2	FGGF		53	25
12539	3859N	2578-18144	00000/0000	2-10022/0023	08/22/76	80	8060	50.1	124.6	GGGG		50	33
12540	3859N	2704-18101	00000/0000	2-10025/1600	12/26/76	70	9817	20.3	147.5	GGGG		50	33
12541	3856N	2722-18093	00000/0000	2-10026/0514	01/13/77	50	68	21.1	144.6	GFFG		50	33
12542	4301N	2633-18173	00000/0000	2-10023/0993	10/16/76	60	8827	32.1	147.3	GGGG		51	30
12543	3852N	2416-18191	00000/0000	2-10016/1090	03/13/76	80	5801	38.5	135.7	FGGG		50	33
12545	3848N	2668-18114	00000/0000	2-10025/0422	11/20/76	70	9315	25.3	149.5	GGGG		50	33
12547	4251N	2381-18244	00000/0000	2-10015/0611	02/07/76	10	5313	24.3	144.8	FFGG		51	30
12552	4608N	2454-18272	00000/0000	2-10018/0043	04/20/76	40	6331	47.9	135.6	GGGG		52	28
12552	4601N	2472-18270	00000/0000	2-10018/0811	05/08/76	90	6582	52.9	131.6	GGGG		52	28
12552	4606N	2580-18240	00000/0000	2-10021/1375	08/24/76	60	8088	46.3	134.0	GGGG		52	28
12554	4557N	2490-18263	00000/0000	2-10019/0194	05/26/76	90	6833	56.1	127.2	GGGG		52	28
12558	4604N	2724-18185	00000/0000	2-10026/0579	01/15/77	70	96	16.3	147.5	GGGG		52	28
12558	4603N	2598-18233	00000/0000	2-10022/0891	09/11/76	80	8339	41.2	139.8	GGGG		52	28
12559	4555N	2526-18253	00000/0000	2-10020/0352	07/01/76	80	7335	56.4	122.5	GGGG		52	28
12601	4556N	2418-18283	00000/0000	2-10017/0063	03/15/76	90	5829	34.9	141.2	GGGG		52	28
12601	4555N	2400-18290	00000/0000	2-10016/0482	02/26/76	30	5578	28.3	143.6	GGGG		52	28
12601	4155N	2453-18230	00000/0000	2-10017/1535	04/19/76	80	6317	49.8	130.6	FGGF		51	31
12603	4552N	2634-18222	00000/0000	2-10023/0971	10/17/76	0	8841	29.7	149.3	FGGF		52	28
12605	4150N	2435-18233	00000/0000	2-10017/0836	04/01/76	40	6066	43.8	134.6	GFFG		51	31
12606	4456N	2455-18322	00000/0000	2-10018/0045	04/21/76	80	6345	46.6	138.8	GFFG		53	26
12607	4853N	2473-18315	00000/0000	2-10018/0860	05/09/76	50	6596	51.7	135.4	GGGG		53	26
12607	4150N	2705-18150	00000/0000	2-10026/0041	12/27/76	60	9831	18.2	148.6	GGG		51	31
12610	4853N	2437-18325	00000/0000	2-10017/0834	04/03/76	10	6094	40.3	141.3	GGGG		53	26
12610	4540N	2382-18294	00000/0000	2-10015/0660	02/08/76	80	5327	22.6	146.1	GFFF		52	28
12611	4845N	2491-18312	00000/0000	2-10019/0245	05/27/76	50	6847	54.9	131.5	GGGG		53	26

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=5AND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=18% GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
COORDINATE LISTING

PAGE 0744

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION IN ROLL	ROLL NO./ IN ROLL	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RVS MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
12613	4846N	2419-1833P	00000/0000	2-10017/0098	03/16/76	100	5843	33.5	143.3	G FF		53	26
12615	4842N	2365-1834S	00000/0000	2-10015/0147	01/22/76	70	5090	16.4	150.3	GGGG		53	26
12616	4843N	2401-1834N	00000/0000	2-10016/0510	02/27/76	90	5592	26.7	145.3	GGGG		53	26
12617	4842N	2635-18271	00000/0000	2-10023/1042	10/18/76	10	2855	27.2	151.3	FFFF		53	26
12622	4830N	2383-1834N	00000/0000	2-10015/0674	02/09/76	60	5341	20.9	147.5	GGGF		53	26
12626	4443N	2454-1827S	00000/0000	2-10018/0044	04/20/76	40	6331	48.7	133.9	GGGG		52	29
12643	4731N	2455-18324	00000/0000	2-10018/0046	04/21/76	70	6345	47.5	137.1	FFFF		53	27
12644	4728N	2473-18321	00000/0000	2-10018/0861	05/09/76	90	6596	52.4	133.4	GGGG		53	27
12700	5541N	2368-1849S	00000/0000	2-10015/0199	01/25/76	100	5132	11.7	153.5	GGGG		56	21
12705	5537N	2404-1849N	00000/0000	2-10019/1493	03/01/76	10	5634	23.0	149.9	GGG		56	21
12740	5427N	2476-1847P	00000/0000	2-10019/1510	05/12/76	100	6638	49.2	142.6	GGG		56	22
12747	5417N	2368-1850P	00000/0000	2-10015/0200	01/25/76	100	5132	12.8	152.7	GGGG		56	22
12751	5414N	2404-1849N	00000/0000	2-10019/1494	03/01/76	10	5634	24.0	148.8	GGG		56	22
12831	5538N	2405-18544	00000/0000	2-10019/1496	03/02/76	0	5648	23.3	149.8	GGG		57	21
12843	5738N	2406-1859S	00000/0000	2-10019/1506	03/03/76	80	5662	22.3	151.3	FGG		58	20
12917	5415N	2405-18551	00000/0000	2-10019/1497	03/02/76	0	5648	24.3	148.8	GGG		57	22
12934	5615N	2406-1900P	00000/0000	2-10019/1507	03/03/76	30	5662	23.3	150.2	GGG		58	21
12945	5555N	2730-1850N	00000/0000	2-10026/0694	01/21/77	80	180	10.1	151.4	GGGG		58	21
13023	5451N	2406-19004	00000/0000	2-10019/1508	03/03/76	80	5662	24.3	149.1	FFF		58	22
13034	5431N	2730-1850N	00000/0000	2-10026/0695	01/21/77	80	180	11.2	150.6	GGGG		58	22
13109	5327N	2406-19011	00000/0000	2-10019/1509	03/03/76	90	5662	25.3	148.1	GGG		58	23
13120	6006N	2571-19114	00000/0000	00000/0000	08/15/76	150	7963	40.4	148.3	GGGG		61	18
13218	5843N	2571-19121	00000/0000	00000/0000	08/15/76	90	7963	41.3	146.6	GGGG		61	19
13313	5720N	2571-19123	00000/0000	00000/0000	08/15/76	90	7963	42.2	144.9	GGGG		61	20
13358	6516N	2522-19401	00000/0000	2-10020/0106	06/27/76	80	7280	46.2	153.6	GGGF		66	14
13404	5556N	2571-19130	00000/0000	2-10021/1092	08/15/76	80	7963	43.1	143.2	GGGG		61	21
13451	5432N	2571-1913P	00000/0000	2-10021/1093	08/15/76	30	7963	44.0	141.5	GGGG		61	22
13513	5526N	2487-1946S	00000/0000	2-10019/0025	05/23/76	90	6792	43.8	157.0	GGGG		67	14
13517	6355N	2522-19404	00000/0000	2-10020/0107	06/27/76	80	7280	47.1	151.3	GGGG		66	15
13628	6538N	2452-1953P	00000/0000	2-10017/1496	04/18/76	10	6304	34.1	158.8	GGGG		66	16
13629	6234N	2522-1941N	00000/0000	2-10020/0108	06/27/76	40	7280	48.1	149.1	GGGG		67	15
13634	6404N	2487-19471	00000/0000	2-10019/0026	05/23/76	90	6792	44.8	154.8	GGGG		69	13
13641	6642N	2543-1956P	00000/0000	2-10020/1124	07/18/76	60	7573	42.6	155.5	FGGG		70	12
13643	6755N	2508-20024	00000/0000	2-10019/1033	06/13/76	0	7085	44.3	159.4	GGGG		72	11
13727	6923N	2492-20141	00000/0000	2-10019/0290	05/28/76	90	6862	41.6	163.6	GGGG			

KEYS: CLUD COVER % ..... 0 TO 100 % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0745

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
13729N	6928N	2600-20111	00000/0000	2-10023/0001	09/13/76	40	8368	23.5	165.3	GGGG	72	11
13730N	6927N	2618-20103	00000/0000	2-10023/0371	10/01/76	90	8619	16.6	167.4	GGGG	72	11
13735N	6112N	2522-19413	00000/0000	2-10020/0109	06/27/76	30	7280	49.0	147.0	GGGG	66	17
13742N	6921N	2546-20124	00000/0000	2-10021/0001	07/21/76	10	7615	40.0	160.5	GGGG	72	11
13746N	6916N	2510-20134	00000/0000	2-10019/1070	06/15/76	40	7113	43.3	161.9	GGGG	72	11
13747N	6811N	2599-20035	00000/0000	2-10022/0892	09/12/76	20	8354	24.9	163.2	GGGG	71	12
13747N	6243N	2447-19474	00000/0000	2-10019/0027	05/23/76	30	6792	45.8	152.8	GGGG	67	16
13750N	6417N	2452-19535	00000/0000	2-10017/1437	04/18/76	20	6304	35.1	157.0	GGGG	68	15
13753N	6810N	2563-20065	00000/0000	2-10021/0706	08/07/76	100	7852	36.9	159.0	GGGG	71	12
13753N	6808N	2617-20052	00000/0000	2-10023/0237	09/30/76	80	8605	18.1	165.4	GGGG	71	12
13801N	6759N	2509-20032	00000/0000	2-10019/0975	06/14/76	10	7099	44.3	159.5	GGGG	71	12
13803N	6801N	2545-20072	00000/0000	2-10020/1245	07/20/76	10	7601	41.2	157.9	GGGG	71	12
13808N	6522N	2543-19565	00000/0000	2-10020/1125	07/18/76	70	7573	43.6	153.3	GGGG	69	14
13819N	6635N	2508-20031	00000/0000	2-10019/1034	06/13/76	10	7085	45.3	157.0	GGGG	70	13
13832N	7036N	2530-20241	00000/0000	2-10020/0506	07/05/76	60	7392	41.5	163.3	GGGG	74	10
13837N	5949N	2522-19415	00000/0000	2-10020/0110	06/27/76	90	7280	49.8	144.8	GGGG	66	18
13842N	6932N	2475-20201	00000/0000	2-10018/0961	05/11/76	20	6625	38.0	164.8	GGGG	73	11
13850N	6933N	2553-20172	00000/0000	2-10022/0201	08/27/76	0	8131	29.5	163.4	GGGG	73	11
13854N	6929N	2565-20175	00000/0000	2-10021/0891	08/09/76	50	7880	35.3	161.5	GGGG	73	11
13854N	6928N	2601-20165	00000/0000	2-10022/0992	09/14/76	60	8382	23.1	165.5	GGGG	73	11
13855N	6121N	2457-19480	00000/0000	2-10019/0028	05/23/76	20	6792	46.8	150.7	GGGG	67	17
13856N	6924N	2619-20162	00000/0000	2-10023/0412	10/02/76	30	8633	16.3	167.4	GGGG	73	11
13902N	6922N	2547-20182	00000/0000	2-10021/0070	07/22/76	10	7629	39.8	160.5	GGGG	73	11
13905N	6920N	2529-20145	00000/0000	2-10020/0243	07/04/76	20	7378	42.6	160.7	GGGG	73	11
13905N	6255N	2432-19541	00000/0000	2-10017/1498	04/18/76	10	6304	36.2	155.2	GGGG	68	16
13913N	6915N	2403-20222	00000/0000	2-10016/0589	02/29/76	0	5621	12.2	163.2	GGGG	73	11
13913N	6811N	2564-20123	00000/0000	2-10021/0748	08/08/76	90	7866	36.6	159.2	GGGG	72	12
13916N	6805N	2492-20143	00000/0000	2-10019/0291	05/28/76	50	6862	42.6	161.1	GGGG	72	12
13919N	6808N	2615-20110	00000/0000	2-10023/0372	10/01/76	90	8619	17.7	165.5	GGGG	72	12
13920N	6810N	2600-20113	00000/0000	2-10023/0002	09/13/76	20	8368	24.5	163.3	GGGG	72	12
13926N	6651N	2599-20061	00000/0000	2-10022/0893	09/12/76	30	8354	26.0	161.3	GGGG	71	13
13927N	6401N	2543-19571	00000/0000	2-10020/1126	07/18/76	70	7573	44.5	151.1	GGGG	69	15
13930N	6802N	2546-20130	00000/0000	2-10021/0002	07/21/76	20	7615	41.0	158.0	GGGG	72	12
13931N	6650N	2563-20071	00000/0000	2-10021/0707	08/07/76	90	7852	37.9	156.8	GGGG	71	13
13932N	6648N	2617-20054	00000/0000	2-10023/0238	09/30/76	90	8605	19.3	163.6	GGGG	71	13

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0746

FBR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
13933N	6758N	2510-20140	00000/0000	2-10019/1071	06/15/76	30	7113	44.3	159.3			72	12
13934N	7046N	2477-20311	00000/0000	2-10018/0982	05/13/76	100	6653	37.4	167.2			75	10
13935N	5827N	2522-19422	00000/0000	2-10020/0111	06/27/76	70	7280	50.7	142.7			66	19
13938N	7048N	2567-20245	00000/0000	2-10021/0907	08/11/76	30	7908	33.6	164.3			75	10
13938N	6639N	2509-20085	00000/0000	2-10019/0976	06/14/76	10	7099	45.3	157.0			71	13
13939N	7048N	2603-20275	00000/0000	2-10022/1069	09/16/76	90	8410	21.2	168.0			75	10
13939N	7044N	2477-20312	2-10019/1500	00000/0000	05/13/76	100	6653	37.4	167.1	GGG		75	10
13940N	6642N	2545-20075	00000/0000	2-10020/1246	07/20/76	20	7601	42.2	155.6			71	13
13947N	6514N	2508-20033	00000/0000	2-10019/1035	06/13/76	10	7085	46.3	154.7			70	14
13949N	7040N	2435-20305	00000/0000	2-10019/0422	05/31/76	10	6904	40.9	166.0			75	10
13953N	7039N	2549-20292	00000/0000	2-10021/0231	07/24/76	0	7657	38.4	163.2			75	10
13956N	7040N	2621-20272	00000/0000	2-10023/0445	10/04/76	80	8661	14.4	169.6			75	10
13956N	7037N	2531-20295	00000/0000	2-10020/0522	07/06/76	40	7406	41.4	163.3			75	10
13958N	7036N	2513-20302	00000/0000	2-10019/1200	06/18/76	80	7155	42.3	164.4			75	10
13958N	5958N	2487-19483	00000/0000	2-10019/0029	05/23/76	90	6792	47.8	148.7			67	18
14006N	7029N	2405-20332	2-10019/1498	00000/0000	03/02/76	20	5649	12.0	165.2	GGG		75	10
14011N	6932N	2602-20223	00000/0000	2-10022/1009	09/15/76	100	8396	22.6	165.7			74	11
14013N	6133N	2452-19544	00000/0000	2-10017/1499	04/18/76	0	6304	37.2	153.5			68	17
14015N	6930N	2566-20233	00000/0000	2-10021/0846	08/10/76	10	7894	35.0	161.7			74	11
14019N	6924N	2434-20253	00000/0000	2-10019/0391	05/30/76	40	6890	41.8	163.4			74	11
14026N	6924N	2620-20220	00000/0000	2-10023/0500	10/03/76	10	8647	15.9	167.5			74	11
14028N	6921N	2548-20240	00000/0000	2-10021/0040	07/23/76	30	7643	39.6	160.5			74	11
14033N	6918N	2530-20243	00000/0000	2-10020/0507	07/05/76	50	7392	42.5	160.6			74	11
14033N	6813N	2475-20204	00000/0000	2-10018/0962	05/11/76	50	6625	39.0	162.4			73	12
14040N	6814N	2583-20174	00000/0000	2-10023/0202	08/27/76	0	8131	30.6	161.2			73	12
14040N	6239N	2543-19574	00000/0000	2-10020/1127	07/18/76	80	7573	45.4	149.0			69	16
14042N	6806N	2493-20201	00000/0000	2-10019/0048	05/29/76	90	6876	42.7	161.1			73	12
14044N	6810N	2601-20171	00000/0000	2-10022/0993	09/14/76	90	8382	24.2	163.4			73	12
14045N	6810N	2565-20181	00000/0000	2-10021/0892	08/09/76	90	7880	36.3	159.2			73	12
14046N	6805N	2619-20164	00000/0000	2-10023/0413	10/02/76	70	8633	17.4	165.5			73	12
14048N	6656N	2532-20122	00000/0000	2-10022/0033	08/26/76	10	8117	31.9	159.1			72	13
14050N	6804N	2547-20185	00000/0000	2-10021/0071	07/22/76	20	7629	40.8	158.1			73	12
14052N	6651N	2564-20130	00000/0000	2-10021/0749	08/08/76	100	7866	37.6	156.9			72	13
14054N	7053N	2460-20372	00000/0000	2-10018/0261	04/26/76	90	6416	32.5	167.6			76	10
14054N	6802N	2529-20192	00000/0000	2-10020/0244	07/04/76	60	7378	43.6	158.1			73	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0747

FBR 115

FROM 01/22/76 TO 01/22/77

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
14054N	6645N	2432-20150	00000/0000	2-10019/0292	05/28/76	90	6862	43.7	158.7	GGGG		72	13
14055N	6530N	2599-20064	00000/0000	2-10022/0894	09/12/76	50	8354	27.0	159.5	GGGG		71	14
14057N	5835N	2487-19485	00000/0000	2-10019/0030	05/23/76	50	6792	48.7	146.7	GGGG		67	19
14058N	7051N	2586-20340	00000/0000	2-10022/0320	08/30/76	40	8173	27.4	166.2	FGGG		76	10
14058N	6649N	2618-20112	00000/0000	2-10023/0373	10/01/76	90	8619	18.9	163.8	GGGG		72	13
14059N	6650N	2600-20120	00000/0000	2-10023/0003	09/13/76	20	8368	25.6	161.4	GGGG		72	13
14100N	6530N	2563-20074	00000/0000	2-10021/0708	08/07/76	100	7852	38.9	154.7	GGGG		71	14
14101W	7050N	2442-20380	00000/0000	2-10017/1025	04/08/76	10	6165	26.2	167.1	GFGG		76	10
14101W	6528N	2617-20061	00000/0000	2-10023/0239	09/30/76	80	8605	20.4	162.0	GGGG		71	14
14105N	7047N	2568-20343	00000/0000	2-10021/0979	08/12/76	90	7922	33.4	164.3	GGGG		76	10
14105N	7045N	2478-20370	00000/0000	2-10018/1087	05/14/76	80	6667	37.7	167.2	GGGG		76	10
14106N	6643N	2546-20133	00000/0000	2-10021/0003	07/21/76	10	7615	42.0	155.6	GGGG		72	13
14106N	6518N	2509-20091	00000/0000	2-10019/0977	06/14/76	10	7099	46.3	154.7	GGGG		71	14
14106N	6553N	2508-20040	00000/0000	2-10019/1036	06/13/76	10	7085	47.3	152.4	GGGG		70	15
14108N	6521N	2545-20081	00000/0000	2-10020/1247	07/20/76	20	7601	43.2	153.3	FGGG		71	14
14110N	6638N	2510-20143	00000/0000	2-10019/1072	06/15/76	20	7113	45.3	156.9	GGGG		72	13
14115N	7041N	2424-20383	00000/0000	2-10017/0378	03/21/76	10	5914	19.3	166.1	FGFF		76	10
14115N	7039N	2436-20363	00000/0000	2-10019/0458	06/01/76	20	6918	41.1	165.9	GGGG		76	10
14116N	6011N	2452-19550	00000/0000	2-10017/1500	04/18/76	40	6304	38.2	151.9	GGGG		68	18
14124N	7034N	2514-20360	00000/0000	2-10019/1257	06/19/76	80	7169	42.3	164.3	GGGG		76	10
14125N	7035N	2532-20353	00000/0000	2-10020/0601	07/07/76	90	7420	41.3	163.2	GGGG		76	10
14126N	6937N	2459-20321	00000/0000	2-10018/0273	04/25/76	10	6402	33.2	165.2	GGGG		75	11
14129N	7031N	2406-20391	00000/0000	2-10016/0722	03/03/76	70	5663	12.3	165.3	GGG GGGG		76	10
14131N	7026N	2388-20394	00000/0000	2-10015/0959	02/14/76	90	5412	5.8	165.3	GGGF		76	10
14138N	6932N	2585-20234	00000/0000	2-10022/0295	08/29/76	30	8159	28.8	163.7	GGFG		75	11
14138N	6928N	2477-20314	2-10018/1479	2-10018/0983	05/13/76	50	6653	38.5	164.6	GG GGGF		75	11
14139N	6932N	2441-20324	00000/0000	2-10017/1075	04/07/76	40	6151	27.0	164.7	GGGG		75	11
14141N	6931N	2567-20291	00000/0000	2-10021/0908	08/11/76	40	7908	34.7	161.8	GGGG		75	11
14144N	6930N	2603-20281	00000/0000	2-10022/1070	09/16/76	90	8410	22.3	165.8	GGGG		75	11
14147N	6118N	2543-19580	00000/0000	2-10020/1128	07/18/76	50	7573	46.3	146.9	FGFF		69	17
14151N	6922N	2495-20311	00000/0000	2-10019/0423	05/31/76	10	6904	42.0	163.3	GGGG		75	11
14153N	6922N	2549-20295	00000/0000	2-10021/0232	07/24/76	30	7657	39.4	160.6	GGGG		75	11
14157N	6920N	2531-20302	00000/0000	2-10020/0523	07/06/76	30	7406	42.4	160.6	GGGG		75	11
14158N	6922N	2621-20274	00000/0000	2-10023/0446	10/04/76	50	8661	15.6	167.6	GGGG		75	11
14159N	6918N	2513-20305	00000/0000	2-10019/1201	06/18/76	90	7155	43.3	161.7	GGGG		75	11

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0748

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA M8DF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
14200W	6815N	2534-2023P	00000/0000 2-1002P/0235	08/28/76	10	8145	30.2	161.4	GGGG			74	12
14201W	6814N	2602-2022S	00000/0000 2-1002P/1010	09/15/76	80	8396	23.7	163.7	GGGG			74	12
14203W	6912N	2387-2034P	00000/0000 2-1001P/0867	02/13/76	30	5398	6.5	163.4	FGGG			75	11
14205W	6812N	2566-20240	00000/0000 2-1002P/0847	08/10/76	30	7894	36.0	159.3	GGGG			74	12
14208W	6911N	2405-2033S	P-10019/1499 00000/0000	03/02/76	10	5649	13.0	163.2	GGG			75	11
14208W	6805N	2494-20260	00000/0000 2-1001P/0392	05/30/76	80	6890	42.9	160.9	GGGG			74	12
14213W	7055N	2461-20431	00000/0000 2-1001P/0335	04/27/76	10	6430	32.8	167.7	GGGG			77	10
14213W	6654N	2475-20210	00000/0000 2-1001P/0963	05/11/76	90	6625	40.1	160.1	GGGG			73	13
14215W	6806N	2620-2022P	00000/0000 2-1002P/0501	10/03/76	40	8647	17.0	165.7	GGGG			74	12
14215W	6848N	2452-1955S	00000/0000 2-1001P/1501	04/18/76	50	6304	39.2	150.3	GGGG			68	19
14217W	6802N	2548-2024P	00000/0000 2-1002P/0041	07/23/76	20	7643	40.6	158.0	GGG			74	12
14217W	6409N	2599-20070	00000/0000 2-1002P/0895	09/12/76	60	8354	28.1	157.9	GGGG			71	15
14218W	6535N	2582-2012S	00000/0000 2-1002P/0094	08/26/76	10	8117	33.0	157.2	GGGG			72	14
14219W	6654N	2583-20141	00000/0000 2-1002P/0703	08/27/76	10	8131	31.6	159.2	GGGG			73	13
14219W	6232N	2508-2004P	00000/0000 2-1001P/1037	06/13/76	20	7085	48.2	150.2	GGGG			70	16
14220W	6757N	2512-2025P	00000/0000 2-1001P/1231	06/17/76	80	7141	44.4	159.2	GGGG			74	12
14220W	6647N	2493-2020P	00000/0000 2-1001P/0049	05/29/76	90	6876	43.8	158.7	GGGG			73	13
14220W	6409N	2563-20030	00000/0000 2-1002P/0709	08/07/76	90	7852	39.8	152.7	GGGG			71	15
14221W	6759N	2530-20250	00000/0000 2-1002P/0508	07/05/76	50	7392	43.5	158.1	GGGG			74	12
14221W	6758N	2404-2028P	00000/0000 2-1001P/0621	03/01/76	90	5635	13.7	161.5	GGGG			74	12
14221W	6531N	2564-2013P	00000/0000 2-1002P/0750	08/08/76	80	7866	38.6	154.8	GGG			72	14
14221W	6407N	2617-2006P	00000/0000 2-1002P/0740	09/30/76	10	8605	21.5	160.6	FGGG			71	15
14223W	7052N	2587-2033P	00000/0000 2-1002P/0444	08/31/76	60	8187	27.0	166.3	GGGG			77	10
14223W	6650N	2601-2017P	00000/0000 2-1002P/0994	09/14/76	60	8382	25.2	161.6	GGGG			73	13
14223W	6649N	2565-2014P	00000/0000 2-1002P/0893	08/09/76	90	7880	37.3	157.0	GGGG			73	13
14224W	6646N	2619-20171	00000/0000 2-1002P/0414	10/02/76	20	8633	18.5	163.8	GGGG			73	13
14224W	6524N	2492-2015P	00000/0000 2-1001P/0293	05/28/76	90	6862	44.7	156.5	GGGG			72	14
14225W	6358N	2509-2009P	00000/0000 2-1001P/0978	06/14/76	10	7099	47.3	152.5	GGGG			71	15
14226W	7051N	2443-2043P	00000/0000 2-1001P/1183	04/09/76	0	6179	26.6	167.2	GGGG			77	10
14227W	6645N	2547-20191	00000/0000 2-1002P/0072	07/22/76	40	7629	41.8	155.7	FGGG			73	13
14228W	6529N	2600-2012P	00000/0000 2-1002P/0004	09/13/76	10	8368	26.7	159.6	GGGG			72	14
14228W	6528N	2618-2011S	00000/0000 2-1002P/0374	10/01/76	90	8619	20.0	162.2	GGGG			72	14
14228W	6401N	2546-2003P	00000/0000 2-1002P/1248	07/20/76	10	7601	44.1	151.2	GGGG			71	15
14229W	7047N	2479-2042P	00000/0000 2-1001P/1112	05/15/76	90	6681	37.9	167.2	GGGG			77	10
14229W	7046N	2605-20341	00000/0000 2-1002P/1171	09/18/76	90	8438	20.4	168.2	GGGG			77	10

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0749

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
14231W	6642N	2529-20194	00000/0000	2-10020/0245	07/04/76	90	7378	44.6	155.7	GGGG		73	13
14232W	7048N	2559-20401	00000/0000	2-10021/0951	08/13/76	10	7936	33.0	164.5	GGGG		77	10
14233W	6523N	2546-20135	00000/0000	2-10021/0004	07/21/76	20	7615	43.0	153.4	GGGG		72	14
14236W	6637N	2403-20231	00000/0000	2-10016/0595	02/29/76	0	5621	14.3	159.8	GGGG		73	13
14237W	7041N	2497-20421	00000/0000	2-10019/0485	06/02/76	10	6932	41.2	165.9	FGGG		77	10
14237W	6517N	2510-20145	00000/0000	2-10019/1073	06/15/76	40	7113	46.3	154.6	GGGG		72	14
14238W	7034N	2407-20445	00000/0000	2-10016/0780	03/04/76	40	5677	12.7	165.4	GGGG		77	10
14240W	7041N	2425-20441	00000/0000	2-10017/0241	03/22/76	20	5928	19.7	166.2	GGGG		77	10
14248W	7037N	2623-20384	00000/0000	2-10023/0586	10/06/76	90	8689	13.7	169.7	GGGG		77	10
14250W	5955N	2543-19583	00000/0000	2-10020/1129	07/18/76	50	7573	47.2	144.9	FGGG		69	18
14253W	7036N	2533-20412	00000/0000	2-10020/0642	07/08/76	70	7434	41.1	163.3	GGGG		77	10
14255W	7033N	2515-20415	00000/0000	2-10019/1270	06/20/76	60	7183	42.3	164.2	GGGG		77	10
14258W	6936N	2460-20375	00000/0000	2-10018/0262	04/28/76	80	6416	33.6	165.2	GGGG		76	11
14302W	6934N	2586-20342	00000/0000	2-10022/0321	08/30/76	40	8173	28.4	163.8	FGGG		76	11
14303W	7027N	2389-20452	00000/0000	2-10015/0972	02/15/76	10	5426	6.1	165.2	FFGG		77	10
14305W	6932N	2442-20382	00000/0000	2-10017/1026	04/08/76	20	6165	27.3	164.7	GGGG		76	11
14306W	6928N	2478-20372	00000/0000	2-10019/1088	05/14/76	70	6667	38.8	164.6	GGGG		76	11
14308W	6930N	2568-20350	00000/0000	2-10021/0980	08/12/76	90	7922	34.4	161.8	GGGG		76	11
14316W	6921N	2496-20370	00000/0000	2-10019/0459	06/01/76	10	6918	42.1	163.2	GGGG		76	11
14317W	6924N	2424-20390	00000/0000	2-10017/0379	03/21/76	10	5914	20.4	163.9	GGGG		76	11
14317W	6922N	2622-20332	00000/0000	2-10023/0460	10/05/76	60	8675	15.2	167.7	FFGG		76	11
14317W	6921N	2550-20353	00000/0000	2-10021/0148	07/25/76	30	7671	39.2	160.5	FGGG		76	11
14319W	6818N	2459-20323	00000/0000	2-10018/0274	04/25/76	70	6402	34.3	162.9	GGGG		75	12
14319W	6119N	2544-20034	00000/0000	2-10020/1224	07/19/76	0	7587	46.1	147.0	GGGG		70	17
14324W	6916N	2514-20363	00000/0000	2-10019/1258	06/19/76	60	7169	43.4	161.6	GGGG		76	11
14326W	6917N	2532-20360	00000/0000	2-10020/0602	07/07/76	90	7420	42.3	160.5	GGGG		76	11
14326W	6109N	2508-20045	00000/0000	2-10019/1038	06/13/76	60	7085	49.2	148.1	GGGG		70	17
14326W	6813N	2441-20330	00000/0000	2-10017/1076	04/07/76	20	6151	28.0	162.5	GGGG		75	12
14329W	6813N	2585-20291	00000/0000	2-10022/0296	05/29/76	10	8159	29.9	161.5	GGGG		75	12
14329W	6813N	2585-20291	00000/0000	2-10016/0723	03/03/76	90	5663	13.4	163.2	GGG FGGG		76	11
14330W	6913N	2406-20393	00000/0000	2-10015/0960	02/14/76	0	5412	6.9	163.4	GGGG		76	11
14331W	6911N	2388-20420	00000/0000	2-10021/0909	08/11/76	30	7908	35.7	159.4	GGGG		75	12
14331W	6813N	2567-20294	00000/0000	2-10021/0909	08/11/76	30	7908	35.7	159.4	GGGG		71	16
14331W	6247N	2599-20073	00000/0000	2-10022/0896	09/12/76	20	8354	29.2	156.3	GGGG		75	12
14332W	6807N	2477-20321	2-10019/1501	00000/0000	05/13/76	90	6653	39.6	162.2	GGG		75	12
14334W	6812N	2603-20244	00000/0000	2-10022/1071	09/16/76	50	8410	23.4	163.7	GGGG		75	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0750

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN RELI MSG	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
14334N	6247N	2563-20083	00000/0000	2-10021/0710	08/07/76	90	7852	40.8	150.7	GGGG		71	16
14336N	6245N	2617-20070	00000/0000	2-10023/0241	09/30/76	10	8605	22.6	159.2	GGGG		71	16
14338W	5656N	2584-20235	00000/0000	2-10022/0236	08/28/76	30	8145	31.3	159.3	GGGG		74	13
14338N	6236N	2509-20100	00000/0000	2-10019/0979	06/14/76	10	7099	48.2	150.3	GGGG		71	16
14339N	6414N	2582-20131	00000/0000	2-10022/0095	08/26/76	10	8117	34.0	155.3	GGGG		72	15
14340N	6654N	2602-20232	00000/0000	2-10022/1011	09/15/76	80	8396	24.8	161.8	GGGG		74	13
14341N	6804N	2495-20314	00000/0000	2-10019/0424	05/31/76	70	6904	43.0	160.8	GGGG		75	12
14341N	6804N	2549-20311	00000/0000	2-10021/0233	07/24/76	80	7657	40.4	158.1	GGGG		75	12
14341N	6239N	2545-20090	00000/0000	2-10020/1249	07/20/76	10	7601	45.1	149.1	GGGG		71	16
14342N	7054N	2462-20435	00000/0000	2-10018/0386	04/28/76	60	6444	33.1	167.7	GGGG		78	10
14342N	6410N	2564-20135	00000/0000	2-10021/0751	08/08/76	70	7866	39.5	152.8	GGGG		72	15
14343N	6652N	2566-20242	00000/0000	2-10021/0848	08/10/76	20	7894	37.0	157.1	GGGG		74	13
14343N	6534N	2439-20223	00000/0000	2-10017/1164	04/05/76	0	6123	29.4	158.7	GGGG		73	14
14344N	6801N	2631-20303	00000/0000	2-10020/0524	07/06/76	20	7406	43.4	158.1	GGGG		75	12
14345N	7054N	2588-20452	00000/0000	2-10022/0332	09/01/76	100	8201	26.6	166.4	FGGG		78	10
14345N	6403N	2492-20155	00000/0000	2-10019/0294	05/28/76	40	6862	45.7	154.3	FGFG		72	15
14346N	7052N	2444-20432	00000/0000	2-10017/1224	04/10/76	10	6193	26.9	167.2	GGGG		78	10
14346N	6803N	2621-20231	00000/0000	2-10023/0447	10/04/76	50	8661	16.7	165.7	GGGG		75	12
14346N	6800N	2639-20273	00000/0000	2-10023/1282	10/22/76	70	8912	10.1	167.1	FGGG		75	12
14346N	6646N	2494-20262	00000/0000	2-10019/0393	05/30/76	70	6890	43.9	158.6	GGGG		74	13
14347N	6759N	2613-20311	00000/0000	2-10019/1202	06/18/76	90	7155	44.4	159.1	GGGG		75	12
14348N	6526N	2493-20210	00000/0000	2-10019/0050	05/29/76	30	6876	44.8	156.4	GGGG		73	14
14348W	6408N	2600-20125	00000/0000	2-10023/0005	09/13/76	30	8368	27.8	158.0	GGGG		72	15
14349N	6533N	2583-20183	00000/0000	2-10022/0204	08/27/76	0	8131	32.6	157.3	GGGG		73	14
14349N	6407N	2618-20121	00000/0000	2-10023/0375	10/01/76	40	8619	21.1	160.7	GGGG		72	15
14349N	6400N	2528-20145	00000/0000	2-10020/0448	07/03/76	50	7364	46.6	151.1	GGGG		72	15
14349N	5832N	2543-19585	00000/0000	2-10020/1130	07/18/76	90	7573	48.1	142.9	FGFF		69	19
14350N	6753N	2337-20344	00000/0000	2-10015/0868	02/13/76	0	5398	7.6	161.7	FGGG		75	12
14351N	6529N	2565-20190	00000/0000	2-10021/0894	08/09/76	90	7880	38.3	154.9	GGGG		73	14
14352N	6646N	2620-20225	00000/0000	2-10023/0502	10/03/76	10	8647	18.1	164.0	GGGG		74	13
14352W	6402N	2546-20142	00000/0000	2-10021/0005	07/21/76	20	7615	43.9	151.2	GGGG		72	15
14353N	6529N	2621-20180	00000/0000	2-10022/0995	09/14/76	10	8382	26.3	159.8	GGGG		73	14
14353W	6525N	2619-20173	00000/0000	2-10023/0415	10/02/76	80	8633	19.6	162.2	GGGG		73	14
14355N	6643N	2548-20245	00000/0000	2-10021/0042	07/23/76	10	7643	41.6	155.7	FGGG		74	13
14356N	6753N	2435-20341	00000/0000	00000/0000	03/02/76	0	5649	14.1	161.4	GGG		75	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0751

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL PRINT 9F IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MDDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
14356	6524N	2547-20194	00000/0000	2-10021/0073	07/22/76	30	7629	42.8	153.5	GGGG		73	14
14357	7046N	2480-20482	00000/0000	2-10018/1152	05/15/76	80	6695	38.1	167.1	GGGG		78	10
14357	6638N	2512-20255	00000/0000	2-10019/1232	06/17/76	80	7141	45.4	156.7	GGGG		74	13
14357	6356N	2510-20152	00000/0000	2-10019/1074	06/15/76	30	7113	47.3	152.3	GGGG		72	15
14358	6639N	2530-20252	00000/0000	2-10020/0509	07/05/76	50	7392	44.5	155.6	GGGG		74	13
14358	6521N	2529-20201	00000/0000	2-10020/0246	07/04/76	90	7378	45.6	153.4	GGGG		73	14
14358	6519N	2511-20204	00000/0000	2-10019/1143	06/16/76	30	7127	46.3	154.5	GGGG		73	14
14359	6639N	2404-20290	00000/0000	2-10016/0622	03/01/76	90	5635	14.7	159.8	GGGG		74	13
14403	7040N	2438-20480	00000/0000	2-10017/0513	06/03/76	10	6946	41.3	165.8	GGGG		78	10
14403	6517N	2403-20234	00000/0000	2-10016/0590	02/29/76	0	5621	15.4	158.3	G G G		73	14
14404	7045N	2606-20450	00000/0000	2-10022/1223	09/19/76	100	8452	20.1	168.2	GGFG		78	10
14405	7043N	2426-20500	00000/0000	2-10017/0321	03/23/76	50	5942	20.1	166.2	GGGG		78	10
14406	7033N	2408-20503	00000/0000	2-10016/0795	03/05/76	40	5691	13.1	165.4	FGGG		78	10
14410	7037N	2624-20442	00000/0000	2-10023/0560	10/07/76	80	8703	13.3	169.8	GGGG		78	10
14411	7038N	2552-20463	00000/0000	2-10021/0202	07/27/76	70	7699	37.7	163.2	GGGG		78	10
14417	7034N	2534-20470	00000/0000	2-10020/0636	07/09/76	40	7448	41.0	163.2	GGGG		78	10
14418	6938N	2461-20433	00000/0000	2-10018/0336	04/27/76	20	6430	33.9	165.2	GGGG		77	11
14421	7032N	2516-20473	00000/0000	2-10019/1311	06/21/76	50	7197	42.4	164.1	GGGG		78	10
14421	6957N	2544-20041	00000/0000	2-10020/1225	07/19/76	60	7587	47.0	145.0	GGGG		70	18
14428	7025N	2390-20510	00000/0000	2-10015/1001	02/16/76	60	5440	6.5	165.2	FGFG		78	10
14428	6935N	2587-20401	00000/0000	2-10022/0445	08/31/76	80	8187	28.1	163.9	GGGG		77	11
14428	5947N	2506-20051	00000/0000	2-10019/1039	06/13/76	90	7085	50.1	145.9	GGGG		70	18
14429	6934N	2443-20440	00000/0000	2-10017/1184	04/09/76	10	6179	27.7	164.8	GGGG		77	11
14432	6929N	2605-20394	00000/0000	2-10022/1172	09/18/76	40	8438	21.5	166.0	GGGG		77	11
14433	6929N	2479-20430	00000/0000	2-10018/1113	05/15/76	50	6681	39.0	164.6	GGGG		77	11
14436	6931N	2569-20404	00000/0000	2-10021/0952	08/13/76	30	7936	34.1	162.0	GGGG		77	11
14439	6917N	2407-20451	00000/0000	2-10016/0781	03/04/76	70	5677	13.7	163.3	GGGG		77	11
14439	6126N	2559-20075	00000/0000	2-10022/0897	09/12/76	40	8354	30.2	154.8	GGGG		71	17
14440	6923N	2497-20424	00000/0000	2-10019/0486	06/02/76	10	6932	42.2	163.2	GGG		77	11
14441	6125N	2563-20085	00000/0000	2-10021/0711	08/07/76	70	7852	41.7	148.9	GGGG		71	17
14442	6924N	2425-20444	00000/0000	2-10017/0242	03/22/76	10	5928	20.8	164.0	GGGG		77	11
14444	6122N	2617-20072	00000/0000	2-10023/0242	09/30/76	50	8605	23.7	157.8	GGGG		71	17
14445	6114N	2509-20103	00000/0000	2-10019/0980	06/14/76	10	7099	49.1	148.1	GGGG		71	17
14447	6116N	2545-20023	00000/0000	2-10020/1250	07/20/76	10	7601	46.0	147.0	GGGG		71	17
14448	6817N	2460-20381	00000/0000	2-10018/0263	04/26/76	100	6416	34.7	162.9	GGGG		76	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 1977

 LANDSAT-2  
 COORDINATE LISTING

PAGE 0752

FBR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	PRESERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV MSS						123 45678				
14450N	6919N	2623-20391	00000/0000	2-10023/0587	10/06/76	50	8689	14.8	147.7	GGGG	77	11
14453N	6918N	2533-20414	00000/0000	2-10020/0643	07/08/76	50	7434	42.2	160.6	GGGG	77	11
14453N	6816N	2586-20345	00000/0000	2-10022/0322	08/30/76	60	8173	29.5	161.6	GGGG	76	12
14453N	6253N	2582-20134	00000/0000	2-10022/0096	08/26/76	10	8117	35.0	153.6	GGGG	72	16
14454N	6813N	2604-20342	00000/0000	2-10022/1117	09/17/76	40	8424	23.0	163.9	GGGG	76	12
14455N	6916N	2515-20421	00000/0000	2-10019/1271	06/20/76	70	7183	43.4	161.5	GGGG	77	11
14455N	6809N	2478-20375	00000/0000	2-10018/1089	05/14/76	50	6667	39.8	162.1	GGGG	76	12
14456N	6813N	2442-20385	00000/0000	2-10017/1027	04/08/76	10	6165	28.4	162.6	GGGG	76	12
14456N	6249N	2564-20141	00000/0000	2-10021/0752	08/08/76	90	7866	40.5	150.9	GGGG	72	16
14458N	6659N	2459-20330	00000/0000	2-10018/0275	04/25/76	20	6402	35.4	160.8	GGGG	75	13
14459N	6811N	2568-20352	00000/0000	2-10021/0981	08/12/76	70	7922	35.4	159.5	GGGG	76	12
14459N	6241N	2492-20161	00000/0000	2-10019/0295	05/28/76	40	6862	46.7	152.2	GGGG	72	16
14500N	6910N	2389-20454	00000/0000	2-10015/0973	02/15/76	0	5426	7.2	163.3	GGGG	77	11
14501N	6247N	2600-20131	00000/0000	2-10023/0006	09/13/76	70	8368	28.8	156.5	GGGG	72	16
14502N	6415N	2457-20222	00000/0000	2-10018/0122	04/23/76	20	6374	36.9	156.8	GGGG	73	15
14503N	6245N	2618-20124	00000/0000	2-10023/0376	10/01/76	10	8619	22.2	159.3	GGGG	72	16
14503N	6239N	2528-20151	00000/0000	2-10020/0449	07/03/76	50	7364	47.5	148.9	GGGG	72	16
14504N	6413N	2439-20225	00000/0000	2-10017/1165	04/05/76	0	6123	30.4	157.0	GGGG	73	15
14504N	6240N	2546-20144	00000/0000	2-10021/0006	07/21/76	10	7615	44.9	149.2	GGGG	72	16
14505N	6803N	2436-20372	00000/0000	2-10019/0460	06/01/76	30	6918	43.2	160.7	GGGG	76	12
14505N	6802N	2550-20355	00000/0000	2-10021/0149	07/25/76	40	7671	40.2	158.1	GGGG	76	12
14506N	6805N	2424-20392	00000/0000	2-10017/0380	03/21/76	10	5914	21.5	161.9	GG G	76	12
14506N	6537N	2458-20274	00000/0000	2-10018/0160	04/24/76	0	6388	36.2	158.7	GGGG	74	14
14507N	6803N	2622-20335	00000/0000	2-10023/0461	10/05/76	60	8675	16.3	165.8	GGGG	76	12
14507N	6650N	2477-20323	2-10018/1480	2-10018/0984	05/13/76	40	6653	40.6	160.0	GGG GFGG	75	13
14507N	6536N	2584-20241	00000/0000	2-10022/0237	08/28/76	60	8145	32.3	157.4	GGGG	74	14
14508N	6654N	2535-20293	00000/0000	2-10022/0297	08/29/76	20	8159	30.9	159.4	GGGG	75	13
14508N	6653N	2441-20333	00000/0000	2-10017/1077	04/07/76	0	6151	29.1	160.6	GGGG	75	13
14508N	6653N	2567-20300	00000/0000	2-10021/0910	08/11/76	10	7908	36.7	157.2	GGGG	75	13
14509N	6534N	2602-20234	00000/0000	2-10022/1012	09/15/76	50	8396	25.9	160.1	GGFG	74	14
14509N	6406N	2493-20213	00000/0000	2-10019/0051	05/29/76	80	6876	45.8	154.2	GGGG	73	15
14510N	6534N	2440-20231	00000/0000	2-10017/1062	04/06/76	10	6137	29.7	158.7	GGGG	74	14
14510N	6412N	2583-20190	00000/0000	2-10022/0205	08/27/76	0	8131	33.7	155.4	GGGG	73	15
14510N	6235N	2510-20154	00000/0000	2-10019/1075	06/15/76	10	7113	48.3	150.1	GGGG	72	16
14511N	6801N	2640-20331	00000/0000	2-10023/1126	10/23/76	90	8926	9.8	167.2	GGGG	76	12

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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0753

FOR MS  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	BRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MBDF	MSS IMAGE GAIN	BRRIT PATH NUM.	FRAME RBW NUM.
14511	5408N	2555-20193	00000/0000	2-10021/0895	08/03/76	80	7880	39.3	152.9	GGGG		73	15
14513	7053N	2589-20511	00000/0000	2-10022/0472	09/02/76	60	8215	26.3	166.5	GGGG		79	10
14513	5758N	2514-20355	00000/0000	2-10019/1259	06/19/76	60	7169	44.4	159.0	GGGG		76	12
14513	6652N	2603-20290	00000/0000	2-10022/1072	09/16/76	30	8410	24.5	161.9	FGGF		75	13
14513	5531N	2566-20245	00000/0000	2-10021/0849	08/13/76	40	7894	38.0	155.0	GGGG		74	14
14513	6408N	2601-20153	00000/0000	2-10022/0996	09/14/76	20	8382	27.4	158.2	GGGG		73	15
14514	5758N	2532-20362	00000/0000	2-10020/0603	07/07/76	70	7420	43.3	158.0	GGGG		76	12
14514	6403N	2619-20180	00000/0000	2-10023/0416	10/02/76	40	8633	20.8	160.8	GGGG		73	15
14515	6525N	2494-20265	00000/0000	2-10019/0394	05/30/76	70	6890	45.0	156.3	GGGG		74	14
14516	7051N	2445-20520	00000/0000	2-10017/1251	04/11/76	20	6207	27.3	167.2	GGGF		79	10
14516	6403N	2547-20260	00000/0000	2-10021/0074	07/22/76	40	7629	43.7	151.3	GGGG		73	15
14517	6755N	2406-20400	00000/0000	2-10016/0724	03/03/76	90	5663	14.5	161.4	GGG	GGGG	76	12
14517	6400N	2529-20203	00000/0000	2-10020/0247	07/04/76	90	7378	46.5	151.1	GGGG		73	15
14518	6753N	2388-20403	00000/0000	2-10018/0961	02/14/76	0	5412	7.9	161.7	GGGG		76	12
14518	6644N	2549-20304	00000/0000	2-10021/0234	07/24/76	50	7657	41.4	155.8	GGGG		75	13
14518	6358N	2511-20210	00000/0000	2-10019/1144	06/16/76	20	7127	47.3	152.3	GGGG		73	15
14519	6644N	2495-20320	00000/0000	2-10019/0425	05/31/76	30	6904	44.1	158.4	GGFG		75	13
14519	6353N	2385-20243	00000/0000	2-10015/0880	02/11/76	0	5370	10.1	157.7	FGGG		73	15
14519	5834N	2544-20043	00000/0000	2-10020/1226	07/13/76	90	7587	47.9	143.0	GGGG		70	19
14520	6642N	2531-20311	00000/0000	2-10020/0525	07/06/76	50	7406	44.4	155.6	GGGG		75	13
14520	6525N	2620-20231	00000/0000	2-10023/0503	10/03/76	30	8647	19.3	162.4	GGGG		74	14
14521	6356N	2403-20240	00000/0000	2-10016/0596	02/29/76	0	5621	16.4	156.9	G		73	15
14523	6643N	2621-20253	00000/0000	2-10023/0448	10/04/76	40	8661	17.8	164.0	GGGG		75	13
14523	6640N	2513-20314	00000/0000	2-10019/1203	06/18/76	70	7155	45.4	156.7	GGGF		75	13
14523	6522N	2548-20252	00000/0000	2-10021/0043	07/23/76	20	7643	42.6	153.5	GGGG		74	14
14524	6641N	2639-20275	00000/0000	2-10023/1283	10/22/76	90	8912	11.3	165.6	FGGP		75	13
14524	6520N	2638-20224	00000/0000	2-10023/1234	10/21/76	60	8898	12.8	164.1	GGGG		74	14
14525	7046N	2607-20504	00000/0000	2-10022/1259	09/20/76	60	8466	19.7	168.4	GGGG		79	10
14525	6518N	2512-20262	00000/0000	2-10019/1233	06/17/76	50	7141	46.4	154.4	FGFG		74	14
14525	5824N	2508-20054	00000/0000	2-10019/1040	06/13/76	80	7085	50.9	143.8	GGGG		70	19
14526	6634N	2387-20351	00000/0000	2-10015/0869	02/13/76	10	5398	8.6	160.2	FFGG		75	13
14526	6519N	2404-20292	00000/0000	2-10016/0623	03/01/76	90	5635	15.8	158.3	GGGG		74	14
14526	6519N	2530-20255	00000/0000	2-10020/0510	07/05/76	90	7392	45.5	153.3	GGGG		74	14
14528	6515N	2386-20295	00000/0000	2-10015/0845	02/12/76	0	5384	9.3	158.9	GGGG		74	14
14532	6633N	2405-20344	00000/0000	00000/0000	03/02/76	10	5649	15.1	159.7	GGG		75	13

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANK)=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MBDF ..... (BLANK)=RAW, PRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 177

LANDSAT-2  
COORDINATE LISTING

PAGE 0754

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	RESOLUTION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLUD COVER %	RRRT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA M8DF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
14534.	7041N	2427-20554	00000/0000	2-10017/0405	03/24/76	30	5956	20.5	166.2	GGGF		79	10
14537.	7040N	2553-20521	00000/0000	2-10021/0317	07/28/76	20	7713	37.5	163.3	G G G		79	10
14537.	7039N	2449-20534	00000/0000	2-10019/0605	06/04/76	30	6960	41.4	165.7	GGGG		79	10
14537.	7036N	2535-20524	00000/0000	2-10020/0740	07/10/76	60	7462	40.9	163.2	F G G G		79	10
14538.	7038N	2625-20500	00000/0000	2-10023/0626	10/08/76	50	8717	12.9	169.9	GGGF		79	10
14542.	6002N	2599-20042	00000/0000	2-10022/0838	09/12/76	90	8354	31.3	153.4	GGGG		71	18
14543.	6003N	2563-20092	00000/0000	2-10021/0712	08/07/76	90	7852	42.6	147.0	GGGG		71	18
14546.	6000N	2617-20075	00000/0000	2-10023/0243	09/30/76	60	8605	24.8	156.6	GGGG		71	18
14547.	7034N	2409-20551	00000/0000	2-10014/0880	03/06/76	40	5705	13.5	165.4	F G G G		79	10
14547.	6937N	2452-20421	00000/0000	2-10013/0387	04/28/76	60	6444	34.2	165.2	GGGG		78	11
14547.	5952N	2509-20125	00000/0000	2-10019/0981	06/14/76	20	7099	50.0	145.9	GGGG		71	18
14548.	5954N	2545-20095	00000/0000	2-10020/1251	07/27/76	90	7601	46.8	145.0	GGGG		71	18
14549.	7033N	2517-20551	00000/0000	2-10012/1411	06/22/76	80	7211	42.3	164.1	F F G G		79	10
14550.	6936N	2558-20455	00000/0000	2-10022/0333	09/01/76	90	8201	27.7	164.1	G F G G		78	11
14550.	6935N	2444-20455	00000/0000	2-10017/1225	04/10/76	10	6193	28.0	164.9	GGGG		78	11
14551.	7026N	2331-20554	00000/0000	2-10015/1060	02/17/76	10	5454	6.9	165.1	G G G		79	10
14555.	6933N	2570-20462	00000/0000	2-10021/1018	08/14/76	20	7950	33.7	162.1	GGGG		78	11
14600.	6928N	2480-20485	00000/0000	2-10018/1153	05/16/76	30	6695	39.2	164.5	GGGG		78	11
14601.	6131N	2582-20140	00000/0000	2-10022/0097	08/26/76	90	8117	36.0	151.9	F G G G		72	17
14604.	6126N	2564-20144	00000/0000	2-10021/0753	08/08/76	70	7866	41.4	149.0	GGGF		72	17
14606.	6928N	2606-20452	00000/0000	2-10022/1224	09/19/76	100	8452	21.2	166.1	GGGG		78	11
14606.	6119N	2402-20164	00000/0000	2-10016/0296	05/28/76	60	6862	47.6	150.1	G F G G		72	17
14607.	6926N	2426-20502	00000/0000	2-10017/0322	03/23/76	40	5942	21.2	164.0	P G G G		78	11
14607.	6922N	2498-20442	00000/0000	2-10019/0514	06/03/76	10	6946	42.4	163.1	GGGG		78	11
14608.	6916N	2408-20510	00000/0000	2-10014/0796	03/05/76	70	5691	14.1	163.3	GGGG		78	11
14609.	6124N	2600-20134	00000/0000	2-10023/0007	09/13/76	90	8368	29.9	155.0	GGGG		72	17
14610.	6819N	2461-20440	00000/0000	2-10018/0337	04/27/76	30	6430	35.0	162.9	GGGG		77	12
14610.	6116N	2524-20134	00000/0000	2-10020/0450	07/03/76	70	7364	48.4	146.8	GGGG		72	17
14611.	6123N	2615-20130	00000/0000	2-10023/0377	10/01/76	0	8619	23.3	158.0	GGGG		72	17
14611.	6118N	2546-20151	00000/0000	2-10021/0007	07/21/76	40	7615	45.8	147.1	GGGG		72	17
14612.	6921N	2552-20465	00000/0000	2-10021/0203	07/27/76	70	7699	38.7	160.6	F G G G		78	11
14612.	6920N	2624-20445	00000/0000	2-10023/0561	10/07/76	90	8703	14.4	167.8	G G G		78	11
14613.	6115N	2402-20191	00000/0000	2-10014/0085	02/28/76	0	5607	18.1	154.4	GGGG		72	17
14613.	6710N	2544-20050	00000/0000	2-10020/1227	07/19/76	100	7587	48.7	141.0	GGGG		70	20
14616.	6252N	2457-20225	00000/0000	2-10015/0123	04/23/76	10	6374	37.9	155.0	GGGG		73	16

KEYS: CLUD COVER % ..... G TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... (BLANKS=BAD, NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0755

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
14617W 6917N	2534-2047P	00000/0000	2-10020/0697	07/09/76	90	7448	42.0	160.5	GGGG			78	11
14617W 6251N	2439-2023P	00000/0000	2-10017/1166	04/05/76	0	6123	31.5	155.4	GGGG			73	16
14617W 6112N	2510-2016P	00000/0000	2-10019/1076	06/15/76	20	7113	49.2	148.0	GGGG			72	17
14619W 6816N	2587-2040P	00000/0000	2-10022/0446	08/31/76	80	8187	29.2	161.7	GGGG			77	12
14619W 6815N	2443-2044P	00000/0000	2-10017/1185	04/09/76	70	6179	28.7	162.6	GGGG			77	12
14619W 5701N	2508-2006P	00000/0000	2-10019/1041	06/13/76	90	7085	51.8	141.7	GGGG			70	20
14621W 6914N	2516-2048P	00000/0000	2-10019/1312	06/21/76	60	7197	43.4	161.3	GGGG			78	11
14622W 6811N	2605-2040P	00000/0000	2-10022/1173	09/18/76	10	8438	22.6	164.0	FGGG			77	12
14622W 6244N	2493-2021P	00000/0000	2-10019/0052	05/29/76	40	6876	46.8	152.1	GGGG			73	16
14623W 6811N	2479-2043P	00000/0000	2-10018/1114	05/15/76	60	6681	40.0	162.1	GGGG			77	12
14623W 6251N	2583-2019P	00000/0000	2-10022/0206	08/27/76	60	8131	34.7	153.7	GGGG			73	16
14624W 6247N	2565-2019P	00000/0000	2-10021/0896	08/09/76	90	7880	40.2	151.0	GGGG			73	16
14626W 6909N	2390-2051P	00000/0000	2-10015/1002	02/16/76	0	5440	7.6	163.3	FGGG			78	11
14627W 6812N	2569-2041P	00000/0000	2-10021/0953	08/13/76	90	7936	35.1	159.6	FGGG			77	12
14627W 6538N	2459-2033P	00000/0000	2-10018/0276	04/25/76	60	6402	36.5	158.8	GGGG			75	14
14627W 6416N	2458-2028P	00000/0000	2-10018/0161	04/24/76	10	6388	37.2	156.8	GGGG			74	15
14627W 6246N	2601-2018P	00000/0000	2-10022/0997	09/14/76	70	8382	28.5	156.6	GGGG			73	16
14627W 6242N	2619-2018P	00000/0000	2-10023/0417	10/02/76	0	8633	21.9	159.4	GGGG			73	16
14628W 6759N	2407-2045P	00000/0000	2-10016/0782	03/04/76	40	5677	14.8	161.5	GGGG			77	12
14628W 6657N	2460-2038P	00000/0000	2-10018/0264	04/26/76	70	6416	35.7	160.7	FGGG			76	13
14628W 6415N	2584-2024P	00000/0000	2-10022/0238	08/28/76	80	8145	33.3	155.6	GGGG			74	16
14629W 6805N	2497-2043P	00000/0000	2-10019/0487	06/02/76	30	6932	43.3	160.7	GGG			77	12
14629W 6241N	2547-2020P	00000/0000	2-10021/0075	07/22/76	50	7629	44.6	149.2	GGGG			73	16
14630W 6240N	2529-2021P	00000/0000	2-10020/0248	07/04/76	80	7378	47.4	149.0	GGGF			73	16
14630W 6236N	2511-2021P	00000/0000	2-10019/1145	06/16/76	60	7127	48.3	150.1	GGGG			73	16
14631W 6413N	2440-2028P	00000/0000	2-10017/1063	04/06/76	20	6137	30.8	157.0	GGGG			74	15
14631W 6413N	2602-2024P	00000/0000	2-10022/1013	09/15/76	20	8396	27.0	158.4	GGGG			74	15
14632W 6805N	2425-2045P	00000/0000	2-10017/0243	03/22/76	0	5928	21.8	162.0	GGGG			77	12
14632W 6656N	2586-2035P	00000/0000	2-10022/0323	08/30/76	30	8173	30.6	159.6	GGGG			76	13
14632W 6410N	2566-2025P	00000/0000	2-10021/0850	08/10/76	40	7894	39.0	153.0	GGGG			74	15
14633W 6649N	2478-2038P	00000/0000	2-10018/1090	05/14/76	70	6667	40.9	159.9	GGGG			76	13
14633W 6235N	2403-2024P	00000/0000	2-10016/0597	02/29/76	0	5621	17.5	155.6	GG G			73	16
14633W 6233N	2385-2025P	00000/0000	2-10015/0881	02/11/76	20	5370	11.1	156.5	GGGG			73	16
14634W 6653N	2604-2034P	00000/0000	2-10022/1118	09/17/76	20	8424	24.1	162.0	GGGG			76	13
14634W 6236N	2655-2017P	00000/0000	2-10025/0067	11/07/76	100	9135	9.6	162.4	FGGG			73	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANHSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0756

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MBDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
14635N	7053N	2446-21005	00000/0000	2-10017/1287	04/12/76	10	6221	27.7	167.3	GGGG		80	10
14635N	6654N	2442-20391	00000/0000	2-10017/1028	04/08/76	0	6165	29.5	160.6	GGGG		76	13
14636N	7051N	2464-21002	00000/0000	2-10018/0373	04/30/76	20	6472	33.8	167.6	GGGG		80	10
14636N	6534N	2585-20300	00000/0000	2-10022/0298	08/29/76	30	8159	32.0	157.5	GGGG		75	14
14636N	6532N	2567-20309	00000/0000	2-10021/0911	08/11/76	40	7908	37.7	155.2	GGGG		75	14
14636N	6530N	2477-20325	00000/0000	2-10018/0985	05/13/76	60	6653	41.7	157.8	GGGF		75	14
14636N	6404N	2494-20271	00000/0000	2-10019/0395	05/30/76	70	6890	46.0	154.1	GGGG		74	15
14637N	6800N	2641-20385	00000/0000	2-10023/1271	10/24/76	20	8940	9.5	167.2	FGGG		77	12
14637N	6533N	2441-20335	00000/0000	2-10017/1078	04/07/76	0	6151	30.2	158.7	GGGG		75	14
14638N	6800N	2623-20393	00000/0000	2-10023/0588	10/06/76	70	8689	16.0	165.9	GGGG		77	12
14638N	6652N	2568-20355	00000/0000	2-10021/0982	08/12/76	80	7922	36.4	157.3	GGGG		76	13
14638N	6527N	2477-20330	2-10019/1502	00000/0000	05/13/76	50	6653	41.7	157.7	GGG		75	14
14640N	5840N	2563-20094	00000/0000	2-10021/0713	08/07/76	90	7852	43.5	145.2	GGGG		71	19
14641N	6759N	2533-20421	00000/0000	2-10020/0644	07/08/76	60	7434	43.2	158.0	GGGG		77	12
14641N	6643N	2550-20362	00000/0000	2-10021/0150	07/25/76	60	7671	41.2	155.8	GGGG		76	13
14641N	6404N	2620-20234	00000/0000	2-10023/0504	10/03/76	60	8647	20.4	160.9	GGGG		74	15
14641N	5839N	2599-20084	00000/0000	2-10022/0899	09/12/76	100	8354	32.3	152.0	GGGG		71	19
14642N	6643N	2496-20375	00000/0000	2-10019/0461	06/01/76	30	6918	44.2	158.3	GGGG		76	13
14643N	6757N	2515-20424	00000/0000	2-10019/1272	06/20/76	70	7183	44.4	158.9	FGGG		77	12
14643N	6532N	2603-20293	00000/0000	2-10022/1073	09/16/76	90	8410	25.6	160.2	GGGG		75	14
14643N	6401N	2548-20254	00000/0000	2-10021/0044	07/23/76	40	7643	43.5	151.3	GGGG		74	15
14644N	7051N	2572-20572	00000/0000	2-10021/1079	08/16/76	50	7978	32.1	164.8	GGGG		80	10
14644N	7046N	2482-20595	00000/0000	2-10018/1223	05/18/76	40	6723	38.5	167.1	GGGG		80	10
14644N	6359N	2638-20230	00000/0000	2-10023/1235	10/21/76	20	8898	13.9	162.8	GGGG		74	15
14645N	7052N	2590-20565	00000/0000	2-10022/0413	09/03/76	100	8229	26.0	156.6	GGGG		80	10
14645N	6645N	2424-20395	00000/0000	2-10017/0381	03/21/76	10	5914	22.5	160.1	GGGG		76	13
14645N	6644N	2622-20341	00000/0000	2-10023/0462	10/05/76	40	8675	17.4	164.1	GGGG		76	13
14645N	6524N	2549-20310	00000/0000	2-10021/0235	07/24/76	50	7657	42.3	153.5	GGGG		75	14
14645N	6356N	2512-20264	00000/0000	2-10019/1234	06/17/76	50	7141	47.3	152.1	GGGF		74	15
14645N	5837N	2617-20081	00000/0000	2-10023/0244	09/30/76	80	8605	25.8	155.4	GGGG		71	19
14645N	5832N	2545-20102	00000/0000	2-10020/1252	07/20/76	90	7601	47.7	143.0	GGGG		71	19
14646N	6359N	2530-20261	00000/0000	2-10020/0511	07/05/76	90	7392	46.4	151.1	GGGG		74	15
14646N	6358N	2404-20295	00000/0000	2-10016/0624	03/01/76	80	5635	16.8	156.9	GGGG		74	15
14646N	5829N	2509-20112	00000/0000	2-10019/0982	06/14/76	90	7099	50.9	143.8	GGGG		71	19
14647N	6752N	2389-20461	00000/0000	2-10015/0974	02/15/76	0	5426	8.3	161.6	FGFG		77	12

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD, NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0757

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
14647N	6523N	2495-20323	00000/0000	2-10019/0426	05/31/76	40	6904	45.1	156.2	GGGG		75	14
14647N	6522N	2531-20313	00000/0000	2-10020/0526	07/06/76	10	7406	45.3	153.3	GGGG		75	14
14647N	6354N	2386-20301	00000/0000	2-10015/0846	02/12/76	20	5384	10.4	157.6	GGGG		74	15
14649N	6641N	2640-20333	00000/0000	2-10023/1127	10/23/76	80	8926	10.9	165.6	GGGG		76	13
14649N	6638N	2514-20372	00000/0000	2-10019/1260	06/19/76	60	7169	45.4	156.6	GGGG		76	13
14650N	6638N	2632-20365	00000/0000	2-10020/0604	07/07/76	30	7420	44.3	155.6	GGGG		76	13
14651N	7044N	2608-20562	00000/0000	2-10027/1236	09/21/76	30	8480	19.3	168.5	GGGG		80	10
14651N	6523N	2621-20290	00000/0000	2-10023/0449	10/04/76	60	8661	18.9	162.5	GGGG		75	14
14651N	6519N	2513-20320	00000/0000	2-10019/1204	06/18/76	90	7155	46.4	154.4	GGGG		75	14
14652N	6521N	2639-20282	00000/0000	2-10023/1284	10/22/76	90	8912	12.4	164.1	GGGG		75	14
14653N	6636N	2406-20402	00000/0000	2-10016/0725	03/03/76	100	5663	15.5	159.8	GGGG	GGG	76	13
14654N	6514N	2387-20353	00000/0000	2-10015/0870	02/13/76	10	5398	9.7	158.8	GGGG		75	14
14655N	7043N	2428-21012	00000/0000	2-10017/0420	03/25/76	10	5970	20.9	166.3	GGGG		80	10
14655N	6633N	2388-20405	00000/0000	2-10015/0962	02/14/76	0	5412	9.0	160.1	GGGG		76	13
14658N	6513N	2405-20350	00000/0000	00000/0000	03/02/76	60	5649	16.2	158.2	GGGG	GGG	75	14
14659N	7043N	2554-20575	00000/0000	2-10021/0330	07/29/76	10	7727	37.2	163.4	GGGG		80	10
14703N	7038N	2626-20555	00000/0000	2-10023/0698	10/09/76	40	8731	12.5	170.0	GGGG		80	10
14704N	6008N	2582-20143	00000/0000	2-10022/0098	08/26/76	100	8117	37.0	150.3	GGGG	FFF	72	18
14705N	7038N	2500-20592	00000/0000	2-10019/0559	05/05/76	10	6974	41.5	165.6	GGGG		80	10
14707N	6004N	2564-20150	00000/0000	2-10021/0754	08/06/76	100	7866	42.4	147.2	GGGG		72	18
14709N	7032N	2392-21023	00000/0000	2-10016/0103	02/18/76	0	5468	7.1	165.3	GGGG		80	10
14709N	5957N	2492-20170	00000/0000	2-10019/0297	05/28/76	50	6862	48.6	148.0	GGGG		72	18
14711N	7035N	2536-20582	00000/0000	2-10020/0837	07/11/76	80	7476	40.7	163.2	GGGG		80	10
14711N	5954N	2528-20160	00000/0000	2-10020/0451	07/03/76	90	7364	49.3	144.7	GGGG		72	18
14712N	7033N	2410-21020	00000/0000	2-10016/0893	03/07/76	70	5719	13.9	165.4	GGGG		80	10
14712N	6001N	2600-20140	00000/0000	2-10023/0008	09/13/76	90	8368	30.9	153.6	GGGG		72	18
14713N	6001N	2618-20133	00000/0000	2-10023/0378	10/01/76	10	8619	24.4	156.8	GGGG		72	18
14714N	5956N	2546-20153	00000/0000	2-10021/0008	07/21/76	90	7615	46.6	145.1	GGGG		72	18
14714N	5953N	2402-20194	00000/0000	2-10016/0086	02/28/76	10	5607	19.1	153.3	GGGG		79	11
14719N	6935N	2589-20513	00000/0000	2-10022/0473	09/02/76	60	8215	27.4	164.2	GGGG		79	11
14719N	6934N	2445-20553	00000/0000	2-10017/1252	04/11/76	20	6207	28.4	164.9	GGGG		72	18
14719N	5950N	2510-20163	00000/0000	2-10019/1077	06/15/76	70	7113	50.1	145.8	GGGG		73	17
14723N	6131N	2457-20231	00000/0000	2-10018/0124	04/23/76	10	6374	38.9	153.3	GGGG		73	17
14725N	6129N	2439-20234	00000/0000	2-10017/1167	04/05/76	20	6123	32.5	153.8	GGGG		79	11
14729N	6929N	2607-20510	00000/0000	2-10022/1260	09/20/76	30	8466	20.8	166.2	GGGG			

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0758

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION	ROLL No./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
14730.	6121N	2493-20222	00000/0000	2-10019/0053	05/29/76	20	6876	47.8	150.0	GGGG			73	17	
14731.	6129N	2583-20195	00000/0000	2-10022/0207	08/27/76	80	8131	35.7	152.0	GGGG			73	17	
14732.	6124N	2555-20202	00000/0000	2-10021/0897	08/09/76	90	7880	41.2	149.1	GGGG			73	17	
14733.	5717N	2563-20101	00000/0000	2-10021/0714	08/07/76	90	7852	44.4	143.4	GGGG			71	20	
14735.	6923N	2427-20560	00000/0000	2-10017/0406	03/24/76	10	5956	21.6	164.0	GGGG			71	20	
14735.	6124N	2601-20192	00000/0000	2-10022/0998	09/14/76	80	8382	29.5	155.2	GGGG			73	17	
14735.	6120N	2619-20185	00000/0000	2-10023/0418	10/02/76	0	8633	23.0	158.1	GGGG			73	17	
14735.	5716N	2599-20091	00000/0000	2-10022/0900	09/12/76	100	8354	33.3	150.7	GGGG			73	17	
14736.	6118N	2529-20212	00000/0000	2-10020/0249	07/04/76	90	7378	48.3	146.8	GGGG			71	20	
14737.	6120N	2547-20205	00000/0000	2-10021/0076	07/22/76	90	7629	45.5	147.2	GGGG			73	17	
14737.	6115N	2511-20215	00000/0000	2-10019/1146	06/16/76	100	7127	49.2	147.9	GGGG			73	17	
14738.	6923N	2553-20524	00000/0000	2-10021/0318	07/28/76	70	7713	38.5	160.7	GGGG			73	17	
14738.	6921N	2439-20540	00000/0000	2-10019/0606	06/04/76	10	6960	42.5	163.0	GGGG			79	11	
14738.	6920N	2535-20531	00000/0000	2-10020/0741	07/10/76	70	7462	41.9	160.5	GGGG			79	11	
14738.	6818N	2462-20494	00000/0000	2-10018/0388	04/28/76	10	6444	35.3	162.9	GGGG			78	12	
14739.	5714N	2617-20084	00000/0000	2-10023/0245	09/30/76	50	8605	26.9	154.2	GGGG			71	20	
14739.	5709N	2545-20104	00000/0000	2-10020/1253	07/20/76	100	7601	48.5	141.0	GGGG			71	20	
14739.	5705N	2509-20114	00000/0000	2-10019/0983	06/14/76	90	7099	51.8	141.7	GGGG			71	20	
14740.	6920N	2625-20503	00000/0000	2-10023/0627	10/05/76	30	8717	14.1	167.9	GGGG			71	20	
14741.	6818N	2588-20461	00000/0000	2-10022/0334	09/01/76	90	8201	28.8	161.9	GGGG			79	11	
14741.	6816N	2444-20501	00000/0000	2-10017/1226	04/10/76	40	6193	29.1	162.7	GGGG			78	12	
14741.	6111N	2385-20252	00000/0000	2-10015/0882	02/11/76	60	5370	12.2	155.4	GGGG			78	12	
14742.	6253N	2458-20273	00000/0000	2-10018/0162	04/24/76	20	6388	38.2	155.0	GGGG			73	17	
14742.	6253N	2544-20250	00000/0000	2-10022/0239	08/28/76	80	8145	34.3	153.9	GGGG			74	16	
14742.	6113N	2655-20177	00000/0000	2-10025/0068	11/07/76	100	9135	10.8	161.3	GGGG			74	16	
14745.	6814N	2570-20464	00000/0000	2-10021/1019	08/14/76	30	7950	34.8	159.8	GGGG			73	17	
14745.	6252N	2440-20250	00000/0000	2-10017/1054	04/06/76	30	6137	31.8	155.4	GGGG			78	12	
14746.	6250N	2602-20243	00000/0000	2-10022/1014	09/15/76	90	8396	28.0	156.9	GGGG			74	16	
14746.	6249N	2566-20254	00000/0000	2-10021/0851	08/10/76	30	7894	40.0	151.1	GGGG			74	16	
14748.	6917N	2409-20564	00000/0000	2-10016/0841	03/06/76	30	5705	14.5	163.4	GGGG			74	16	
14748.	6916N	2517-20534	00000/0000	2-10019/1412	06/22/76	70	7211	43.3	161.3	GGGG			79	11	
14749.	6700N	2461-20442	00000/0000	2-10018/0338	04/27/76	30	6430	36.0	160.7	GGGG			79	11	
14749.	6417N	2459-20335	00000/0000	2-10018/0277	04/25/76	80	6402	37.5	156.9	GGGG			77	13	
14750.	6908N	2391-20571	00000/0000	2-10018/1061	02/17/76	0	5454	7.9	163.2	GGGG			75	15	
14750.	6809N	2490-20491	00000/0000	2-10018/1154	05/16/76	70	6695	40.3	162.1	GGGG			73	11	

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0759

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PAYH NUM.	FRAME ROW NUM.
14750W	6243N	2494-20274	00000/0000	2-10019/0396	05/30/76	70	6890	46.9	152.0	GGGG		74	16
14755W	6808N	2426-20505	00000/0000	2-10017/0323	03/23/76	50	5942	22.2	162.0	GGGG		78	12
14755W	6242N	2620-20240	00000/0000	2-10023/0505	10/03/76	90	8647	21.5	159.6	GGGG		74	16
14755W	6240N	2548-20261	00000/0000	2-10021/0045	07/23/76	80	7643	44.5	149.2	GGGG		74	16
14756W	6809N	2606-20455	00000/0000	2-10022/1225	09/19/76	90	8452	22.3	164.1	GGGG		78	12
14756W	6757N	2438-20512	00000/0000	2-10016/0797	03/05/76	20	5691	15.2	161.5	GGGG		78	12
14756W	6411N	2567-20305	00000/0000	2-10021/0912	08/11/76	40	7908	38.7	153.2	GGGG		75	15
14757W	6803N	2498-20485	00000/0000	2-10019/0515	06/03/76	40	6946	43.4	160.6	GGGG		78	12
14757W	6537N	2460-20390	00000/0000	2-10018/0265	04/26/76	70	6416	36.8	158.7	GGGG		76	14
14757W	6408N	2477-20332	2-10018/1481	2-10018/0986	05/13/76	80	6653	42.7	155.7	GGG		75	15
14757W	6235N	2512-20271	00000/0000	2-10019/1235	06/17/76	70	7141	48.3	149.9	GGGG		74	16
14758W	6656N	2443-20445	00000/0000	2-10017/1186	04/09/76	100	6179	29.8	160.6	GGGG		77	13
14758W	6656N	2537-20410	00000/0000	2-10022/0447	08/31/76	70	8187	30.2	159.7	GGGG		77	13
14758W	6413N	2555-20302	00000/0000	2-10022/0299	08/29/76	40	8159	33.0	155.7	GGGG		75	15
14758W	6412N	2441-20342	00000/0000	2-10017/1079	04/07/76	10	6151	31.2	157.0	GGGG		75	15
14759W	6238N	2530-20264	00000/0000	2-10020/0512	07/05/76	90	7392	47.3	148.9	GGGG		74	16
14759W	6237N	2404-20301	00000/0000	2-10016/0625	03/01/76	70	5635	17.8	155.6	GGGG		74	16
14759W	6233N	2386-20304	00000/0000	2-10015/0847	02/12/76	60	5384	11.5	156.4	GGGG		74	16
14800W	6802N	2552-20472	00000/0000	2-10021/0204	07/27/76	90	7699	39.7	158.2	GGGG		78	12
14801W	6801N	2624-20451	00000/0000	2-10023/0562	10/07/76	90	8703	15.6	166.0	GGGG		78	12
14801W	6651N	2479-20435	00000/0000	2-10018/1115	05/15/76	30	6681	41.1	159.9	GGGG		77	13
14801W	6234N	2656-20225	00000/0000	2-10025/0073	11/08/76	50	9149	9.4	162.4	GGGG		74	16
14802W	6651N	2605-20403	00000/0000	2-10022/1174	09/18/76	10	8438	23.7	162.1	GGGG		77	13
14802W	6535N	2586-20354	00000/0000	2-10022/0324	08/30/76	40	8173	31.6	157.7	GGGG		76	14
14802W	6529N	2478-20384	00000/0000	2-10018/1091	05/14/76	70	6667	41.9	157.7	GGGG		76	14
14803W	6533N	2442-20394	00000/0000	2-10017/1029	04/08/76	20	6165	30.5	158.7	GGGG		76	14
14803W	6533N	2604-20351	00000/0000	2-10022/1119	09/17/76	10	8424	25.2	160.3	GGGG		76	14
14803W	5845N	2582-20145	00000/0000	2-10022/0099	08/26/76	90	8117	37.9	148.7	GGGG		72	19
14804W	7053N	2465-21050	00000/0000	2-10018/0668	05/01/76	10	6486	34.1	167.7	GGGG		81	10
14804W	6759N	2534-20475	00000/0000	2-10020/0698	07/09/76	90	7448	43.0	157.9	GGGG		78	12
14804W	6410N	2603-20295	00000/0000	2-10022/1074	09/16/76	90	8410	26.6	158.5	GGGG		75	15
14805W	6640N	2407-20450	00000/0000	2-10016/0783	03/04/76	10	5677	15.8	159.8	GGGG		77	13
14805W	5841N	2564-20153	00000/0000	2-10021/0755	08/08/76	100	7866	43.3	145.4	GGGG		72	19
14806W	7054N	2591-21023	00000/0000	2-10022/0496	09/04/76	80	8243	25.6	166.8	GGGG		81	10
14806W	6652N	2569-20413	00000/0000	2-10021/0954	08/13/76	100	7936	36.1	157.5	GGGG		77	13

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0760

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
14806W	6403N	2549-20313	00000/0000	2-10021/0236	07/24/76	80	7657	43.3	151.4	GGGG	75	15
14807W	7050N	2573-21030	00000/0000	2-10021/1124	08/17/76	20	7992	31.8	164.9	GGFF	81	10
14807W	6645N	2497-20437	00000/0000	2-10019/0488	06/02/76	20	6932	44.3	158.3	FGF	77	13
14807W	6401N	2531-20320	00000/0000	2-10020/0527	07/06/76	10	7406	46.3	151.1	GGGG	75	15
14807W	5834N	2492-20173	00000/0000	2-10019/0298	05/28/76	20	6862	49.5	146.0	FGFG	72	19
14808W	6755N	2516-20482	00000/0000	2-10019/1313	06/21/76	80	7197	44.4	158.8	GGGG	78	12
14808W	6402N	2495-20325	00000/0000	2-10019/0427	05/31/76	10	6904	46.1	154.0	GFGG	75	15
14809W	6523N	2550-20364	00000/0000	2-10021/0151	07/25/76	70	7671	42.2	153.6	GGFF	76	14
14809W	5832N	2528-20163	00000/0000	2-10020/0452	07/03/76	90	7364	50.2	142.5	GGGG	72	19
14810W	6647N	2425-20453	00000/0000	2-10017/0244	03/22/76	10	5928	22.9	160.1	GGGG	77	13
14810W	5837N	2600-20147	00000/0000	2-10023/0009	09/13/76	100	8368	32.0	152.2	GGGG	72	19
14811W	7046N	2483-21053	00000/0000	2-10018/1301	05/19/76	100	6737	38.8	167.0	GGGG	81	10
14811W	6523N	2496-20381	00000/0000	2-10019/0462	06/01/76	20	6918	45.2	156.0	GGGG	76	14
14811W	6358N	2513-20323	00000/0000	2-10019/1205	06/18/76	70	7155	47.3	152.1	GGGG	75	15
14811W	5838N	2618-20135	00000/0000	2-10023/0379	10/01/76	10	8619	25.5	155.6	FGGG	72	19
14812W	6751N	2390-20515	00000/0000	2-10015/1003	02/16/76	0	5440	8.6	161.6	FGGF	78	12
14812W	6401N	2621-20292	00000/0000	2-10023/0450	10/04/76	70	8661	20.0	161.0	GGGG	75	15
14812W	6400N	2639-20284	00000/0000	2-10023/1285	10/22/76	70	8912	13.6	162.8	GGGG	75	15
14812W	5833N	2546-20160	00000/0000	2-10021/0009	07/21/76	90	7615	47.5	143.1	GGGG	72	19
14812W	5830N	2402-20200	00000/0000	2-10016/0087	02/28/76	10	5607	20.2	152.2	GGGG	72	19
14813W	6525N	2424-20401	00000/0000	2-10017/0382	03/21/76	10	5914	23.6	158.4	GGFG	76	14
14814W	6523N	2622-20344	00000/0000	2-10023/0463	10/05/76	30	8675	18.5	162.6	GGGG	76	14
14814W	6353N	2387-20360	00000/0000	2-10015/0871	02/13/76	40	5398	10.7	157.5	GGGG	75	15
14815W	6641N	2623-20400	00000/0000	2-10023/0589	10/06/76	80	8689	17.1	164.2	GGGG	77	13
14815W	6640N	2641-20392	00000/0000	2-10023/1272	10/24/76	20	8940	10.6	165.7	FGGG	77	13
14815W	6353N	2405-20359	00000/0000	2-10016/0685	03/02/76	90	5649	17.2	156.8	GGG	75	15
14816W	5827N	2510-20170	00000/0000	2-10019/1078	06/15/76	90	7113	51.0	143.7	GGGG	72	19
14817W	6640N	2533-20423	00000/0000	2-10020/0645	07/08/76	90	7434	44.1	155.6	GGGG	77	13
14817W	6519N	2532-20371	00000/0000	2-10020/0605	07/07/76	30	7420	45.3	153.3	GGGG	76	14
14817W	6518N	2514-20374	00000/0000	2-10019/1261	06/19/76	70	7169	46.4	154.2	GGGG	76	14
14818W	6521N	2640-20340	00000/0000	2-10023/1128	10/23/76	100	8926	12.1	164.2	GGGG	76	14
14820W	6637N	2515-20430	00000/0000	2-10019/1273	06/20/76	40	7183	45.4	156.5	GGGG	77	13
14821W	6516N	2406-20405	00000/0000	2-10016/0726	03/03/76	100	5663	16.6	158.2	GGG	76	14
14822W	6512N	2388-20412	00000/0000	2-10015/0963	02/14/76	0	5412	10.0	158.7	GGGG	76	14
14823W	7043N	2609-21020	00000/0000	2-10022/1430	09/22/76	90	8494	19.0	168.5	GGGG	81	10

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0761

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	BRIGHT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA M8DF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME R8W NUM.
14824N 6632N	2389-20462	00000/0000 2-10015/0975	02/15/76	0	5426	9.3	160.1	FGGG			77	13
14825N 7041N	2555-21034	00000/0000 2-10021/0343	07/30/76	20	7741	37.0	163.4	GGGG			81	10
14826N 6008N	2457-20234	00000/0000 2-10018/0125	04/23/76	0	6374	39.9	151.6	GFGF			73	18
14829N 6006N	2439-20241	00000/0000 2-10017/1168	04/05/76	70	6123	33.5	152.3	GGGG			73	18
14832N 7038N	2537-21041	00000/0000 2-10020/0773	07/12/76	90	7490	40.6	163.2	GGGG			81	10
14832N 7037N	2501-21051	00000/0000 2-10019/0670	06/06/76	10	6988	41.7	165.5	GGGG			81	10
14833N 5958N	2493-20224	00000/0000 2-10019/0054	05/29/76	20	6876	48.7	148.0	GGGG			73	18
14834N 7032N	2393-21081	00000/0000 2-10016/0135	02/19/76	10	5482	7.5	165.2	FGGF			81	10
14834N 6006N	2583-20201	00000/0000 2-10022/0208	08/27/76	90	8131	36.7	150.4	GGGG			73	18
14835N 7035N	2519-21044	00000/0000 2-10020/0016	06/24/76	60	7239	42.3	164.0	GGGG			81	10
14835N 6002N	2565-20204	00000/0000 2-10021/0898	08/09/76	100	7880	42.1	147.3	GGGG			73	18
14838N 6001N	2601-20194	00000/0000 2-10022/0999	09/14/76	90	8382	30.6	153.8	GGGG			73	18
14838N 5957N	2547-20212	00000/0000 2-10021/0077	07/22/76	90	7629	46.4	145.2	FGGG			73	18
14838N 5957N	2619-20191	00000/0000 2-10023/0419	10/02/76	20	8633	24.1	156.9	GGGG			73	18
14838N 5956N	2529-20215	00000/0000 2-10020/0250	07/04/76	80	7378	49.2	144.7	GGGG			73	18
14839N 6936N	2446-21011	00000/0000 2-10017/1288	04/12/76	10	6221	28.8	164.9	GGGG			80	11
14839N 5953N	2511-20222	00000/0000 2-10019/1147	06/16/76	100	7127	50.1	145.8	GGGG			73	18
14841N 6934N	2464-21004	00000/0000 2-10018/0374	04/30/76	20	6472	34.9	165.1	GGGG			80	11
14842N 5951N	2403-20252	00000/0000 2-10016/0598	02/29/76	0	5621	19.5	153.2	GGGG			73	18
14843N 5948N	2385-20255	00000/0000 2-10015/0883	02/11/76	90	5370	13.2	154.4	GGGG			73	18
14844N 5951N	2655-20175	00000/0000 2-10025/0069	11/07/76	100	9135	11.9	160.3	GGGG			73	18
14846N 7032N	2411-21074	00000/0000 2-10016/0907	03/08/76	50	5733	14.3	165.4	GGGG			81	10
14848N 6934N	2572-20574	00000/0000 2-10021/1080	08/16/76	90	7978	33.1	162.3	GGGG			80	11
14848N 6928N	2482-21031	00000/0000 2-10018/1224	05/18/76	40	6723	39.6	164.4	GGGG			80	11
14850N 6935N	2590-20572	00000/0000 2-10022/0414	09/03/76	90	8229	27.0	164.3	GGGG			80	11
14850N 6131N	2458-20245	00000/0000 2-10018/0163	04/24/76	30	6388	39.3	153.3	GGGG			74	17
14851N 6131N	2584-20259	00000/0000 2-10022/0240	08/28/76	70	8145	35.3	152.2	GGGG			74	17
14853N 6130N	2440-20293	00000/0000 2-10017/1065	04/06/76	10	6137	32.9	153.8	FGGG			74	17
14854N 6126N	2566-20260	00000/0000 2-10021/0852	08/10/76	10	7894	40.9	149.3	GGGG			74	17
14855N 6927N	2608-20565	00000/0000 2-10022/1237	09/21/76	80	8480	20.4	166.3	GGGG			80	11
14856N 6128N	2602-20250	00000/0000 2-10022/1015	09/15/76	90	8396	29.1	155.4	GGGG			74	17
14857N 6926N	2428-21015	00000/0000 2-10017/0421	03/25/76	10	5970	22.0	164.1	GGGG			80	11
14857N 5721N	2582-20152	00000/0000 2-10022/0130	08/26/76	90	8117	38.9	147.1	GGGG			72	20
14858N 6120N	2494-20280	00000/0000 2-10019/0397	05/30/76	20	6890	47.9	149.9	GGGG			74	17
14900N 5718N	2564-20155	00000/0000 2-10021/0756	08/08/76	90	7866	44.1	143.6	GGGF			72	20

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0762

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION IN REEL	ROLL NO./ MSS	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT	REV							123 45678				
14901N	6925N	2554-20582	00000/0000	2-10021/0331	07/29/76	60	7727	38.2	160.8	GGGG		80	11
14902N	5710N	2492-20175	00000/0000	2-10019/0299	05/28/76	70	6862	50.4	144.0	GGFG		72	20
14902N	5708N	2528-20165	00000/0000	2-10020/0453	07/03/76	90	7364	51.0	140.4	GGGG		72	20
14903N	6120N	2620-20243	00000/0000	2-10023/0506	10/03/76	90	8647	22.6	158.3	GGGG		74	17
14904N	6921N	2626-20561	00000/0000	2-10023/0699	10/09/76	50	8731	13.7	168.0	GGGG		80	11
14904N	6255N	2459-20341	00000/0000	2-10018/0278	04/25/76	80	6402	38.5	155.0	GGGG		75	16
14904N	6113N	2512-20273	00000/0000	2-10019/1236	06/17/76	80	7141	49.2	147.8	GGGG		74	17
14905N	5715N	2618-20142	00000/0000	2-10023/0380	10/01/76	40	8619	26.6	154.4	GGG		72	20
14905N	5714N	2600-20145	00000/0000	2-10023/0010	09/13/76	40	8368	33.0	150.8	GGGG		72	20
14906N	6920N	2500-20535	00000/0000	2-10019/0560	06/05/76	10	6974	42.6	162.9	GGGG		80	11
14906N	6116N	2530-20270	00000/0000	2-10023/0513	07/05/76	90	7392	48.2	146.7	GGGG		74	17
14906N	6115N	2404-20304	00000/0000	2-10016/0626	03/01/76	70	5635	18.9	154.3	GGGG		74	17
14906N	6111N	2386-20310	00000/0000	2-10015/0848	02/12/76	80	5384	12.5	155.3	GGGG		74	17
14906N	5710N	2546-20162	00000/0000	2-10021/0010	07/21/76	90	7615	48.3	141.1	FGGG		72	20
14906N	5707N	2402-20203	00000/0000	2-10016/0038	02/28/76	10	5607	21.2	151.1	GGGG		72	20
14908N	6112N	2656-20231	00000/0000	2-10025/0074	11/08/76	20	9149	10.5	161.3	GGGG		74	17
14909N	6914N	2392-21025	00000/0000	2-10016/0104	02/18/76	0	5468	8.2	163.3	GGFG		80	11
14909N	6816N	2445-20555	00000/0000	2-10017/1253	04/11/76	20	6207	29.5	162.7	GGGG		79	12
14909N	5704N	2510-20172	00000/0000	2-10019/1079	06/15/76	90	7113	51.8	141.5	FGGG		72	20
14910N	6817N	2589-20520	00000/0000	2-10022/0474	09/02/76	80	8215	28.5	162.0	GGGG		79	12
14910N	6250N	2567-20312	00000/0000	2-10021/0913	08/11/76	60	7908	39.6	151.3	GGGG		75	16
14911N	6918N	2536-20585	00000/0000	2-10020/0838	07/11/76	20	7476	41.8	160.5	GGGG		80	11
14911N	6247N	2477-20334	00000/0000	2-10018/0987	05/13/76	80	6653	43.7	153.7	GGGF		75	16
14913N	6915N	2410-21022	00000/0000	2-10016/0894	03/07/76	100	5719	14.9	163.4	GGGG		80	11
14913N	6251N	2585-20305	00000/0000	2-10022/0300	08/29/76	40	8159	34.0	154.0	GGGG		75	16
14913N	6244N	2477-20335	2-10019/1503	00000/0000	05/13/76	90	6653	43.8	153.7	GGG		75	16
14917N	6659N	2462-20500	00000/0000	2-10018/0389	04/28/76	10	6444	36.4	160.7	GGGG		78	13
14918N	6810N	2607-20513	00000/0000	2-10022/1261	09/20/76	50	8466	21.9	164.2	GGGG		79	12
14919N	6539N	2461-20445	00000/0000	2-10018/0339	04/27/76	30	6430	37.1	158.7	GGGG		77	14
14919N	6416N	2460-20343	00000/0000	2-10018/0266	04/26/76	50	6416	37.9	156.8	GGGG		76	15
14919N	6248N	2603-20302	00000/0000	2-10022/1075	09/16/76	70	8410	27.7	157.0	GGGG		75	16
14920N	6241N	2549-20315	00000/0000	2-10021/0237	07/24/76	80	7657	44.2	149.3	GGGG		75	16
14920N	6240N	2531-20322	00000/0000	2-10020/0528	07/06/76	10	7406	47.2	148.9	GGGG		75	16
14921N	6658N	2588-20464	00000/0000	2-10022/0335	09/01/76	70	8201	29.8	159.9	GGGG		78	13
14922N	6241N	2495-20332	00000/0000	2-10019/0428	05/31/76	20	6904	47.1	151.8	GGGG		75	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0763

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
14923N	6805N	2427-20569	00000/0000	2-10017/0407	03/24/76	10	5956	22.6	162.0	GPGG			79	12
14923N	6655N	2570-20471	00000/0000	2-10021/1020	08/14/76	40	7950	35.8	157.6	GGGG			78	13
14923N	6415N	2586-20360	00000/0000	2-10022/0325	08/30/76	50	8173	32.6	155.9	GGGG			76	15
14923N	6407N	2478-20390	00000/0000	2-10018/1092	05/14/76	70	6667	43.0	155.6	GGGG			76	15
14924N	6412N	2442-20400	00000/0000	2-10017/1030	04/08/76	50	6165	31.6	157.0	GFGG			76	15
14924N	6237N	2513-20325	00000/0000	2-10019/1206	06/18/76	60	7155	48.3	149.9	GGGG			75	16
14924N	6235N	2369-20364	00000/0000	2-10015/0201	01/26/76	100	5147	6.6	157.9	GGGG			75	16
14924N	5845N	2457-20240	00000/0000	2-10018/0126	04/23/76	10	6374	40.9	149.9	GFGG			73	19
14925N	6411N	2604-20357	00000/0000	2-10022/1120	09/17/76	40	8424	26.3	158.7	GGGG			76	15
14925N	6239N	2621-20295	00000/0000	2-10023/0451	10/04/76	90	8661	21.2	159.6	FGGG			75	16
14925N	6238N	2639-20291	00000/0000	2-10023/1286	10/22/76	10	8912	14.7	161.6	GFGG			75	16
14926N	6805N	2553-20530	00000/0000	2-10021/0319	07/28/76	90	7713	39.5	158.3	FFGG			79	12
14926N	6801N	2535-20533	00000/0000	2-10020/0742	07/10/76	60	7462	42.9	158.0	FGFG			79	12
14927N	6802N	2499-20543	00000/0000	2-10019/0607	06/04/76	10	6960	43.5	160.4	GGGG			79	12
14927N	6536N	2443-20452	00000/0000	2-10017/1187	04/09/76	100	6179	30.9	158.8	GGGG			77	14
14927N	6411N	2568-20364	00000/0000	2-10021/0983	08/12/76	80	7922	38.4	153.3	GGGG			76	15
14927N	6232N	2405-20355	00000/0000	2-10016/0686	03/02/76	90	5649	18.3	155.5	GGGG	GGG		75	16
14927N	6231N	2387-20362	00000/0000	2-10015/0872	02/13/76	90	5398	11.8	156.3	GGFG			75	16
14927N	5844N	2439-20243	00000/0000	2-10017/1169	04/05/76	60	6123	34.5	150.8	GGGG			73	19
14928N	6801N	2625-20505	00000/0000	2-10023/0628	10/08/76	30	8717	15.2	166.1	GGGG			79	12
14928N	6536N	2587-20412	00000/0000	2-10022/0448	08/31/76	60	8187	31.3	157.8	GGGG			77	14
14929N	7053N	2448-21121	00000/0000	2-10017/1328	04/14/76	10	6249	28.4	167.4	GGGG			82	10
14929N	6649N	2480-20494	00000/0000	2-10018/1155	05/16/76	70	6695	41.3	159.8	GGFG			78	13
14930N	6530N	2479-20442	00000/0000	2-10018/1116	05/15/76	40	6681	42.1	157.7	GGGG			77	14
14930N	6401N	2550-20371	00000/0000	2-10021/0152	07/25/76	100	7671	43.1	151.4	GGFG			76	15
14931N	6530N	2605-20405	00000/0000	2-10022/1175	09/18/76	20	8438	24.8	160.4	GGGG			77	14
14932N	7052N	2466-21114	00000/0000	2-10018/0359	05/02/76	0	6500	34.4	167.6	GFGG			82	10
14932N	6402N	2496-20384	00000/0000	2-10019/0463	06/01/76	10	6918	46.2	153.8	GGGG			76	15
14932N	5843N	2583-20204	00000/0000	2-10022/0209	08/27/76	60	8131	37.6	148.8	GGGG			73	19
14932N	5839N	2565-20211	00000/0000	2-10021/0899	08/09/76	90	7880	43.0	145.5	GGGG			73	19
14932N	5835N	2493-20231	00000/0000	2-10019/0055	05/29/76	40	6876	49.6	145.9	GGGG			73	19
14933N	7052N	2574-21024	00000/0000	2-10021/1309	08/18/76	70	8006	31.4	165.0	GFGG			82	10
14933N	6648N	2426-20511	00000/0000	2-10017/0324	03/23/76	70	5942	23.3	160.2	FGGG			78	13
14933N	6638N	2408-20515	00000/0000	2-10018/0798	03/05/76	10	5691	16.3	159.8	FGGG			78	13
14934N	6649N	2626-20461	00000/0000	2-10022/1226	09/19/76	90	8452	23.4	162.2	GGGG			78	13

KEYS: CLOUD COVER : ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0764

FBR US  
FR84 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
14934W	6520N	2407-20463	00000/0000	2-10016/0784	03/04/76	30	5677	16.9	158.3			
14934W	6404N	2424-20404	00000/0000	2-10017/0383	03/21/76	10	5914	24.6	156.8	GGGG	77	14
14934W	6402N	2622-20350	00000/0000	2-10023/0464	10/05/76	60	8675	19.7	161.1	FGFG	76	15
14935W	6759N	2409-20570	00000/0000	2-10016/0882	03/06/76	20	5705	15.6	161.7	GGGG	76	15
14935W	6757N	2517-20540	00000/0000	2-10019/1413	06/22/76	70	7211	44.4	158.8	GGGG	79	12
14935W	6532N	2569-20415	00000/0000	2-10021/0955	08/13/76	40	7936	37.1	155.4	GGGG	79	12
14935W	5834N	2547-20214	00000/0000	2-10021/0078	07/22/76	70	7629	47.3	143.2	GGGG	77	14
14935W	5833N	2529-20221	00000/0000	2-10020/0251	07/04/76	80	7378	50.1	142.5	GGGG	73	19
14936W	6750N	2391-20573	00000/0000	2-10015/1062	02/17/76	0	5454	9.0	161.5	FGGG	73	19
14936W	6644N	2498-20491	00000/0000	2-10019/0516	06/03/76	50	6946	44.4	158.2	GGGG	79	12
14936W	5838N	2601-20201	00000/0000	2-10022/1000	09/14/76	80	8382	31.6	152.4	GGGG	78	13
14936W	5835N	2619-20194	00000/0000	2-10023/0420	10/02/76	90	8633	25.2	155.7	GGGG	73	19
14937W	7052N	2592-21082	00000/0000	2-10022/0509	09/05/76	10	8257	25.2	166.8	GGGG	73	19
14937W	6643N	2552-204	00000/0000	2-10021/0205	07/27/76	90	7699	40.7	155.9	FGFG	82	10
14937W	6524N	2497-20435	00000/0000	2-10019/0489	06/02/76	10	6932	45.3	156.0	GGGG	78	13
14937W	6358N	2532-20374	00000/0000	2-10020/0606	07/07/76	60	7420	46.2	151.0	FGFG	77	14
14937W	6357N	2514-20381	00000/0000	2-10019/1262	06/19/76	80	7169	47.3	152.0	GGGG	76	15
14938W	6400N	2640-20342	00000/0000	2-10023/1129	10/23/76	80	8926	13.2	162.9	GGGG	76	15
14938W	5829N	2511-20224	00000/0000	2-10019/1148	06/16/76	90	7127	50.9	143.6	GGGG	73	19
14939W	6527N	2425-20455	00000/0000	2-10017/0245	03/22/76	30	5928	24.0	158.5	GGGG	77	14
14939W	6524N	2551-20423	00000/0000	2-10021/0164	07/26/76	90	7685	41.9	153.7	GGGG	77	14
14940W	7047N	2610-21074	00000/0000	2-10017/1345	09/23/76	100	8508	18.5	168.7	GGGG	77	14
14940W	7045N	2484-21111	00000/0000	2-10018/1314	05/20/76	90	6751	39.0	166.9	GGGG	82	10
14940W	6641N	2624-20454	00000/0000	2-10023/0563	10/07/76	90	8703	16.7	164.3	GGGG	82	10
14940W	6355N	2406-20411	00000/0000	2-10016/0727	03/03/76	100	5663	17.6	156.8	GGGG	78	13
14940W	5828N	2403-20254	00000/0000	2-10016/0599	02/29/76	0	5621	20.6	152.1	GGGG	76	15
14941W	6640N	2534-20431	00000/0000	2-10020/0699	07/09/76	60	7448	44.0	155.5	GGGG	73	19
14941W	5827N	2385-20261	00000/0000	2-10015/0884	02/11/76	90	5370	14.3	153.4	GGGG	78	13
14942W	6351N	2388-20414	00000/0000	2-10015/0564	02/14/76	20	5412	11.1	157.5	GGGG	73	19
14942W	5828N	2655-20182	00000/0000	2-10025/0070	11/07/76	100	9135	13.1	159.4	GGGG	76	15
14943W	6641N	2642-20450	00000/0000	2-10024/0072	10/25/76	40	8964	10.3	165.7	FGGG	73	19
14943W	6520N	2623-20402	00000/0000	2-10023/0590	10/06/76	100	8689	18.2	162.6	GGGG	78	13
14943W	6520N	2641-20394	00000/0000	2-10023/1273	10/24/76	40	8940	11.8	164.3	GGGG	77	14
14945W	6636N	2516-20485	00000/0000	2-10019/1314	06/21/76	70	7197	45.4	156.4	GGGG	77	14
14945W	6520N	2533-20430	00000/0000	2-10020/0646	07/08/76	80	7434	45.1	153.3	GGGG	78	13

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0765

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
14947N	7043N	2556-21092	00000/0000	2-10021/0425	07/31/76	30	7755	36.7	163.5	GGGG		82	10
14947N	6517N	2515-20439	00000/0000	2-10019/1274	06/20/76	50	7183	46.4	154.1	GGGG		77	14
14949N	6631N	2390-20522	00000/0000	2-10015/1004	02/16/76	0	5440	9.7	160.0	FGGG		78	13
14951N	6512N	2389-20470	00000/0000	2-10015/0976	02/15/76	10	5426	10.4	158.7	GGGG		77	14
14954N	6009N	2458-20292	00000/0000	2-10018/0164	04/24/76	30	6388	40.3	151.6	GGGG		74	18
14954N	6004N	2584-20255	00000/0000	2-10022/0211	08/28/76	70	8145	36.3	150.6	GGGG		74	18
14955N	7037N	2628-21071	00000/0000	2-10023/0730	10/11/76	50	8759	11.8	170.1	GGGG		82	10
14956N	6007N	2440-20295	00000/0000	2-10017/1066	04/06/76	10	6137	33.9	152.3	FGGG		74	18
14957N	6003N	2566-20263	00000/0000	2-10021/0853	08/10/76	10	7894	41.8	147.5	GGGG		74	18
14958N	7036N	2538-21095	00000/0000	2-10020/0862	07/13/76	20	7504	40.4	163.1	GGGG		82	10
14958N	7034N	2394-21135	00000/0000	2-10016/0147	02/20/76	10	5496	7.8	165.3	GGGG		82	10
14959N	7036N	2502-21105	00000/0000	2-10019/0879	06/07/76	40	7002	41.8	165.3	GGGG		82	10
14959N	6005N	2602-20252	00000/0000	2-10022/1016	09/15/76	90	8396	30.1	154.0	GGGG		74	18
15000N	7033N	2412-21132	00000/0000	2-10016/0967	03/09/76	50	5747	14.7	165.5	FGGG		82	10
15000N	5957N	2494-20283	00000/0000	2-10019/0398	05/30/76	10	6890	48.8	147.8	GGGG		74	18
15005N	6938N	2447-21065	00000/0000	2-10017/0315	04/13/76	90	6235	29.1	166.0	FGGG		81	11
15005N	5957N	2620-20245	00000/0000	2-10023/0507	10/03/76	80	8647	23.7	157.0	GGGG		74	18
15005N	5956N	2548-20270	00000/0000	2-10021/0046	07/23/76	80	7643	46.2	145.2	GGGG		74	18
15006N	7034N	2520-21102	00000/0000	2-10019/1441	06/25/76	100	7253	42.2	163.8	GGGG		82	10
15006N	5950N	2512-20280	00000/0000	2-10019/1237	06/17/76	90	7141	50.1	145.6	GGGG		74	18
15007N	5953N	2638-20242	00000/0000	2-10023/1236	10/21/76	90	8898	17.3	159.3	GGGG		74	18
15008N	6935N	2465-21062	00000/0000	2-10018/0669	05/01/76	10	6486	35.1	165.1	GGGG		81	11
15008N	5953N	2530-20273	00000/0000	2-10020/0514	07/05/76	90	7392	49.1	144.6	GGGG		74	18
15008N	5952N	2404-20310	00000/0000	2-10016/0627	03/01/76	80	5635	19.9	153.2	GGGG		74	18
15008N	5949N	2386-20313	00000/0000	2-10015/0849	02/12/76	80	5384	13.5	154.3	GGGG		74	18
15010N	6933N	2573-21033	00000/0000	2-10021/1125	08/17/76	60	7992	32.8	162.4	FGGG		81	11
15010N	5949N	2656-20234	00000/0000	2-10025/0075	11/08/76	10	9149	11.6	160.3	FGGG		74	18
15012N	6133N	2459-20344	00000/0000	2-10018/0279	04/25/76	90	6402	39.6	153.3	GGGG		75	17
15015N	6928N	2483-21060	00000/0000	2-10018/1302	05/19/76	100	6737	39.9	164.3	GGGG		81	11
15018N	6128N	2567-20314	00000/0000	2-10021/0914	08/11/76	70	7908	40.6	149.5	GGGG		75	17
15019N	6125N	2477-20341	2-10018/1482	2-10018/0988	05/13/76	80	6653	44.7	151.8	GGG GGGG		75	17
15019N	5722N	2457-20243	00000/0000	2-10018/0127	04/23/76	20	6374	41.9	148.3	FGGG		73	20
15020N	6128N	2441-20351	00000/0000	2-10017/1080	04/07/76	30	6151	33.3	153.7	GGGG		75	17
15022N	6128N	2585-20311	00000/0000	2-10022/0301	08/29/76	50	8159	35.0	152.4	GGGG		75	17
15022N	5720N	2439-20250	00000/0000	2-10017/1170	04/05/76	40	6123	35.5	149.4	GGGG		73	20

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0766

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15025W 6925N	2609-21023	00000/0000 2-10022/1431	09/22/76	80	8494	20.1	166.3	GGGG			81	11
15026W 6126N	2603-20304	00000/0000 2-10022/1076	09/16/76	90	8410	28.8	155.6	GGGG			75	17
15026W 5719N	2553-20210	00000/0000 2-10022/0210	08/27/76	70	8131	38.6	147.3	GGGG			73	20
15026W 5716N	2565-20213	00000/0000 2-10021/0900	08/09/76	90	7880	43.9	143.7	GGGG			73	20
15026W 5712N	2493-20233	00000/0000 2-10019/0056	05/29/76	70	6876	50.5	143.9	GGGG			73	20
15027W 6120N	2549-20322	00000/0000 2-10021/0238	07/24/76	40	7657	45.1	147.3	GGGG			75	17
15028W 6924N	2555-21040	00000/0000 2-10021/0344	07/30/76	40	7741	38.0	160.8	GGGG			81	11
15028W 6118N	2531-20325	00000/0000 2-10020/0529	07/06/76	10	7406	48.1	146.8	GGGG			75	17
15028W 5711N	2547-20221	00000/0000 2-10021/0079	07/22/76	70	7629	48.1	141.2	GGGG			73	20
15029W 6118N	2495-20334	00000/0000 2-10019/0429	05/31/76	10	6904	48.0	149.7	FGGG			75	17
15029W 5709N	2529-20224	00000/0000 2-10020/0252	07/04/76	70	7378	50.9	140.4	GGGG			73	20
15030W 6817N	2446-21014	00000/0000 2-10017/1289	04/12/76	30	6221	29.8	162.7	GGGG			80	12
15030W 5711N	2619-20200	00000/0000 2-10023/0421	10/02/76	100	8633	26.2	154.5	GGGG			73	20
15031W 6816N	2464-21011	00000/0000 2-10018/0375	04/30/76	10	6472	36.0	162.8	GGGG			80	12
15031W 6114N	2513-20332	00000/0000 2-10019/1207	06/18/76	40	7155	49.2	147.7	GGGG			75	17
15031W 5714N	2601-20203	00000/0000 2-10022/1001	09/14/76	50	8382	32.6	151.1	GGGG			73	20
15032W 6920N	2537-21043	00000/0000 2-10020/0774	07/12/76	10	7490	41.6	160.5	GGGG			81	11
15032W 6117N	2621-20301	00000/0000 2-10023/0452	10/04/76	70	8661	22.3	158.4	GGGG			75	17
15032W 6116N	2639-20293	00000/0000 2-10023/1287	10/22/76	30	8912	15.9	160.5	FGGG			75	17
15032W 6113N	2369-20371	00000/0000 2-10015/0202	01/26/76	90	5147	7.7	156.9	GGGG			75	17
15032W 5706N	2511-20231	00000/0000 2-10019/1149	06/16/76	90	7127	51.8	141.5	GGGG			73	20
15033W 6919N	2501-21053	00000/0000 2-10019/0671	06/06/76	10	6988	42.7	162.7	GGGG			81	11
15033W 6110N	2405-20362	00000/0000 2-10016/0687	03/02/76	90	5649	19.3	154.2	GGGG			75	17
15033W 6109N	2387-20365	00000/0000 2-10015/0873	02/13/76	90	5398	12.8	155.2	FGGG			81	11
15034W 6914N	2393-21083	00000/0000 2-10016/0136	02/19/76	10	5482	8.6	163.3	FGGG			76	16
15034W 6254N	2460-20395	00000/0000 2-10018/0267	04/26/76	60	6416	38.9	154.9	GGGG			84	9
15035W 7150N	2630-21141	00000/0000 2-10023/0801	10/13/76	30	8787	9.9	172.5	GGGG			73	20
15035W 5704N	2385-20254	00000/0000 2-10015/0885	02/11/76	80	5370	15.3	152.4	GGGG			81	11
15036W 6917N	2519-21050	00000/0000 2-10020/0017	06/24/76	60	7239	43.3	161.2	GGGG			73	20
15036W 5705N	2655-20184	00000/0000 2-10025/0071	11/07/76	100	9135	14.2	158.5	GGGG			80	12
15037W 6815N	2572-20581	00000/0000 2-10021/1081	08/16/76	90	7978	34.1	160.0	GGGG			76	16
15037W 6251N	2442-20403	00000/0000 2-10017/1031	04/08/76	40	6165	32.6	155.3	GGGG			80	12
15037W 6246N	2478-20393	00000/0000 2-10018/1093	05/14/76	60	6667	44.0	153.6	GGGG			76	16
15038W 6810N	2482-21004	00000/0000 2-10018/1225	05/18/76	60	6723	40.7	162.0	GGGG			80	12
15038W 6253N	2586-20363	00000/0000 2-10022/0326	08/30/76	40	8173	33.7	154.2	GGGG			76	16

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0767

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15039N	6250N	2604-20360	00000/0000	2-10022/1121	09/17/76	70	8424	27.3	157.2	GGGG		76	16
15040N	7151N	2522-21212	00000/0000	2-10020/0112	06/27/76	90	7281	41.1	166.7	GGGG		84	9
15040N	7147N	2396-21245	00000/0000	2-10016/0259	02/22/76	100	5524	7.5	167.4	FGGG		84	9
15040N	6816N	2590-20574	00000/0000	2-10022/0415	09/03/76	90	8229	28.1	162.1	GGGG		80	12
15040N	6248N	2568-20370	00000/0000	2-10021/0984	08/12/76	90	7922	39.4	151.4	GGGG		76	16
15042N	6418N	2461-20451	00000/0000	2-10018/0340	04/27/76	10	6430	38.1	156.8	GGGG		77	15
15044N	6808N	2608-20571	00000/0000	2-10022/1238	09/21/76	90	8480	21.5	164.3	GGGG		80	12
15044N	6240N	2550-20373	00000/0000	2-10021/0153	07/25/76	60	7671	44.0	149.4	GGFG		76	16
15046N	6914N	2411-21040	00000/0000	2-10016/0908	03/08/76	20	5733	15.3	163.3	GGGG		81	11
15046N	6808N	2428-21021	00000/0000	2-10017/0422	03/25/76	10	5970	23.0	162.1	FGGG		80	12
15046N	6539N	2462-20503	00000/0000	2-10018/0390	04/28/76	10	6444	37.4	158.7	GGGG		78	14
15046N	6240N	2436-20390	00000/0000	2-10019/0464	06/01/76	10	6918	47.2	151.7	GGGG		76	16
15047N	6242N	2424-20410	00000/0000	2-10017/0384	03/21/76	10	5914	25.6	155.4	FGFG		76	16
15048N	6656N	2445-20562	00000/0000	2-10017/1254	04/11/76	60	6207	30.6	160.7	GGGG		79	13
15048N	6240N	2622-20353	00000/0000	2-10023/0465	10/05/76	80	8675	20.8	159.8	GGFF		76	16
15049N	6807N	2554-20584	00000/0000	2-10021/0332	07/29/76	80	7727	39.2	158.4	GGGG		80	12
15049N	6657N	2589-20522	00000/0000	2-10022/0475	09/02/76	90	8215	29.5	160.0	GGGG		79	13
15049N	6414N	2443-20454	00000/0000	2-10017/1188	04/09/76	40	6179	31.9	157.0	GGGG		77	15
15049N	6237N	2532-20350	00000/0000	2-10020/0607	07/07/76	30	7420	47.1	148.8	GGGG		76	16
15050N	6537N	2444-20510	00000/0000	2-10017/1227	04/10/76	70	6193	31.2	158.8	GGGG		78	14
15050N	6415N	2587-20415	00000/0000	2-10022/0449	08/31/76	20	8187	32.3	156.1	GGGG		77	15
15050N	6409N	2479-20444	00000/0000	2-10018/1117	05/15/76	40	6681	43.2	155.6	GGGG		77	15
15050N	6235N	2514-20333	00000/0000	2-10019/1263	06/19/76	50	7169	48.3	149.8	GGGG		76	16
15051N	6537N	2588-20470	00000/0000	2-10022/0336	09/01/76	70	8201	30.9	158.0	GGGG		78	14
15052N	6238N	2640-20345	00000/0000	2-10023/1130	10/23/76	10	8926	14.4	161.7	GGGG		76	16
15052N	6234N	2406-20414	00000/0000	2-10016/0728	03/03/76	90	5663	18.6	155.5	GGG GGGG		76	16
15052N	5846N	2458-20294	00000/0000	2-10018/0165	04/24/76	20	6388	41.3	149.9	GGGG		74	19
15053N	7054N	2467-21172	00000/0000	2-10018/0732	05/03/76	0	6514	34.6	167.7	GGG		83	10
15053N	6802N	2626-20564	00000/0000	2-10023/0700	10/09/76	70	8731	14.8	166.2	GGGG		80	12
15053N	5535N	2570-20473	00000/0000	2-10021/1021	08/14/76	70	7950	36.8	155.6	GGGG		78	14
15053N	5845N	2584-20262	00000/0000	2-10022/0242	08/28/76	90	8145	37.3	149.1	GGGG		74	19
15054N	6359N	2407-20465	00000/0000	2-10016/0785	03/04/76	90	5677	17.9	156.9	GGGG		77	15
15054N	6230N	2388-20421	00000/0000	2-10015/0965	02/14/76	50	5412	12.1	156.3	GFGG		76	16
15054N	5844N	2440-20302	00000/0000	2-10017/1067	04/06/76	10	6137	34.9	150.8	GGGG		74	19
15055N	6802N	2500-21001	00000/0000	2-10010/0561	06/05/76	10	6974	43.6	160.3	GGGG		80	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0768

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
15055N	6411N	2569-20422	00000/0000	2-10021/0956	08/13/76	30	7936	38.1	153.4	GGGG				77	15
15055N	5841N	2566-20265	00000/0000	2-10021/0854	08/10/76	40	7894	42.7	145.7	GGGG				74	19
15056N	6650N	2607-20515	00000/0000	2-10022/1262	09/23/76	90	8466	23.0	162.4	GGGF				79	13
15057N	6756N	2392-21032	00000/0000	2-10016/0105	02/18/76	0	5468	9.3	161.6	GGGG				80	12
15057N	5842N	2602-20255	00000/0000	2-10022/1017	09/15/76	50	8396	31.2	152.7	GGGG				74	19
15058N	6403N	2497-20442	00000/0000	2-10019/0490	06/02/76	10	6932	46.3	153.8	FFGF				77	15
15058N	5833N	2494-20285	00000/0000	2-10019/0399	05/30/76	10	6890	49.8	145.8	GGGG				74	19
15059N	6759N	2536-20591	00000/0000	2-10020/0839	07/11/76	80	7476	42.8	157.9	GGGG				80	12
15059N	6529N	2480-20500	00000/0000	2-10018/1156	05/16/76	50	6695	42.4	157.6	GGGG				78	14
15059N	6403N	2551-20425	00000/0000	2-10021/0165	07/26/76	60	7685	42.9	151.5	GGGG				77	15
15100N	6647N	2427-20565	00000/0000	2-10017/0408	03/24/76	30	5956	23.7	160.2	GPGG				79	13
15100N	6406N	2425-20462	00000/0000	2-10017/0246	03/22/76	10	5928	25.0	156.9	GGGG				77	15
15101N	6756N	2410-21025	00000/0000	2-10016/0895	03/07/76	80	5719	16.0	161.5	GGGG				80	12
15101N	6518N	2408-20521	00000/0000	2-10016/0799	03/05/76	10	5691	17.3	158.3	FFGG				78	14
15102N	6528N	2426-20514	00000/0000	2-10017/0325	03/23/76	50	5942	24.3	158.5	FFGG				78	14
15102N	5833N	2548-20272	00000/0000	2-10021/0047	07/23/76	80	7643	47.1	143.2	GGGG				74	19
15103N	6641N	2535-20540	00000/0000	2-10020/0743	07/10/76	70	7462	43.9	155.6	GFF				79	13
15103N	6528N	2606-20464	00000/0000	2-10022/1227	09/19/76	90	8452	24.5	160.5	GGGG				78	14
15103N	6359N	2623-20405	00000/0000	2-10023/0591	10/06/76	90	8689	19.3	161.2	GGGG				77	15
15103N	5834N	2620-20252	00000/0000	2-10023/0508	10/03/76	50	8647	24.8	155.9	GGGG				74	19
15103N	5827N	2512-20282	00000/0000	2-10019/1238	06/17/76	80	7141	51.0	143.5	GGGG				74	19
15104N	7051N	2593-21140	00000/0000	2-10022/0658	09/06/76	90	8271	24.9	166.9	GGGG				83	10
15104N	6645N	2553-20533	00000/0000	2-10021/0320	07/28/76	90	7713	40.5	156.0	FFGG				79	13
15104N	6643N	2499-20545	00000/0000	2-10019/0608	06/04/76	20	6960	44.6	158.0	GGGG				79	13
15104N	6524N	2498-20494	00000/0000	2-10019/0517	06/03/76	70	6946	45.5	155.9	GGGF				78	14
15104N	6359N	2641-20401	00000/0000	2-10023/1274	10/24/76	80	8940	12.9	163.0	FFGG				77	15
15105N	6359N	2533-20432	00000/0000	2-10020/0647	07/08/76	70	7434	46.0	151.1	GGGG				77	15
15105N	5831N	2638-20244	00000/0000	2-10023/1237	10/21/76	70	8898	18.5	158.2	GGGG				74	19
15106N	6641N	2625-20512	00000/0000	2-10023/0629	10/08/76	90	8717	16.3	164.4	GGGG				79	13
15106N	6641N	2643-20504	00000/0000	2-10024/0001	10/26/76	100	8968	9.9	165.8	FFFF				79	13
15106N	6523N	2552-20481	00000/0000	2-10021/0206	07/27/76	60	7699	41.7	153.7	GGGG				78	14
15106N	5829N	2404-20313	00000/0000	2-10016/0628	03/01/76	100	5635	20.9	152.1	GGGG				74	19
15106N	5826N	2386-20315	00000/0000	2-10015/0850	02/12/76	90	5384	14.6	153.3	GGGG				74	19
15107N	6355N	2515-20435	00000/0000	2-10019/1275	06/20/76	60	7183	47.3	151.9	GGGG				77	15
15108N	5827N	2656-20240	00000/0000	2-10025/0076	11/08/76	20	9149	12.8	159.4	FFGG				74	19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=UNCOMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
COORDINATE LISTING

PAGE 0769

FBR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT SF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15109W	7045N	2431-21183	00000/0000	2-10017/0694	03/28/76	20	6012	22.1	166.5			
15109W	7045N	2557-21150	00000/0000	2-10021/0484	08/01/76	0	7769	36.4	163.6	GGGG	83	10
15109W	6521N	2624-20460	00000/0000	2-10023/0564	10/07/76	90	8703	17.8	162.8	GGGG	83	10
15109W	6519N	2534-20484	00000/0000	2-10020/0700	07/09/76	60	7448	45.0	153.2	GGGG	78	14
15110W	6351N	2389-20472	00000/0000	2-10015/0977	02/15/76	10	5426	11.4	157.4	GGGG	78	14
15111W	7044N	2485-21170	00000/0000	2-10019/0001	05/21/76	0	6765	39.2	166.8	GGGG	77	15
15111W	6639N	2409-20573	00000/0000	2-10016/0883	03/06/76	50	5705	16.6	159.8	GGGG	83	10
15111W	6638N	2517-20543	00000/0000	2-10019/1414	06/22/76	70	7211	45.4	156.3	GGGG	79	13
15111W	6521N	2642-20452	00000/0000	2-10024/0073	10/25/76	40	8954	11.4	164.3	GGGG	79	13
15112W	6630N	2391-20580	00000/0000	2-10015/1063	02/17/76	0	5454	10.0	160.0	GGGG	78	14
15112W	6516N	2516-20491	00000/0000	2-10019/1315	06/21/76	60	7197	46.4	154.0	GGGG	79	13
15113W	7045N	2611-21133	00000/0000	2-10022/1416	09/24/76	90	8522	18.1	168.8	GGGG	78	14
15116W	6511N	2390-20524	00000/0000	2-10015/1005	02/16/76	10	5440	10.7	158.6	GGGG	83	10
15116W	6010N	2459-20350	00000/0000	2-10018/0280	04/25/76	100	6402	40.6	151.5	GGGG	78	14
15118W	7038N	2503-21163	00000/0000	2-10019/0716	06/08/76	80	7016	41.8	165.3	GGGG	75	18
15121W	6005N	2557-20321	00000/0000	2-10021/0915	08/11/76	90	7908	41.5	147.7	GGGG	83	10
15122W	6002N	2477-20343	00000/0000	2-10018/0989	05/13/76	80	6653	45.7	149.9	GGGG	75	18
15123W	7037N	2629-21125	00000/0000	2-10023/0903	10/12/76	10	8773	11.4	170.2	GGGG	75	18
15123W	6005N	2441-20353	00000/0000	2-10017/1081	04/07/76	90	6151	34.3	152.2	GGGG	83	10
15124W	5959N	2477-20344	2-10018/1504	00000/0000	05/13/76	80	6653	45.7	149.8	GGGG	75	18
15125W	7033N	2395-21193	00000/0000	2-10016/0161	02/21/76	10	5510	8.2	165.3	GGG	75	18
15125W	6006N	2585-20314	00000/0000	2-10022/0302	08/29/76	90	8159	36.0	150.8	GGGG	83	10
15128W	7035N	2539-21153	00000/0000	2-10020/0914	07/14/76	0	7518	40.3	163.1	GGGG	75	18
15128W	7032N	2413-21190	00000/0000	2-10016/1003	03/10/76	50	5761	15.1	165.5	GGGG	83	10
15129W	6003N	2603-20311	00000/0000	2-10022/1077	09/16/76	90	8410	29.8	154.2	GGGG	75	18
15130W	5957N	2549-20324	00000/0000	2-10021/0239	07/24/76	40	7657	46.0	145.3	GGGG	75	18
15130W	5955N	2531-20331	00000/0000	2-10020/0530	07/06/76	30	7406	49.0	144.6	GGGG	75	18
15131W	7033N	2521-21160	00000/0000	2-10020/0066	06/26/76	90	7267	42.2	163.7	GGGG	75	18
15131W	5956N	2495-20341	00000/0000	2-10019/0430	05/31/76	10	6904	49.0	147.7	GGGG	83	10
15133W	5952N	2513-20334	00000/0000	2-10019/1208	06/18/76	70	7155	50.1	145.6	GGGG	75	18
15133W	5951N	2369-20373	00000/0000	2-10015/0203	11/26/76	90	5147	8.8	155.9	GGGG	75	18
15134W	6936N	2448-21124	00000/0000	2-10017/1329	04/14/76	10	6249	29.5	165.0	GGGG	75	18
15134W	5953N	2639-20300	00000/0000	2-10023/1288	10/22/76	40	8912	17.0	159.4	GGGG	82	11
15134W	5947N	2387-20371	00000/0000	2-10015/0874	02/13/76	90	5398	13.9	154.2	GGGG	75	18
15135W	5955N	2621-20304	00000/0000	2-10023/0453	10/04/76	80	8661	23.4	157.2	GGGG	75	18

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0770

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15135N	5948N	2405-20364	00000/0000	2-10016/0688	03/02/76	90	5649	20.3	153.1	GGG	GGGG	75	18
15137N	6935N	2466-21121	00000/0000	2-10018/0360	05/02/76	50	6500	35.5	165.1	GGGG	GGGG	82	11
15137N	6935N	2574-21091	00000/0000	2-10021/1310	08/18/76	60	8006	32.5	162.5	GGGG	GGGG	82	11
15141N	6935N	2592-21084	00000/0000	2-10022/0510	09/05/76	30	8257	26.3	164.5	GGGG	GGGG	82	11
15143N	6927N	2484-21114	00000/0000	2-10018/1315	05/20/76	80	6751	40.1	164.3	GGGG	GGGG	82	11
15143N	6132N	2460-20402	00000/0000	2-10018/0268	04/26/76	80	6416	39.9	153.2	GGGG	GGGG	76	17
15144N	6929N	2610-21081	00000/0000	2-10022/1346	09/23/76	100	8508	19.6	166.6	GGGG	GGGG	82	11
15145N	6929N	2430-21131	00000/0000	2-10017/0498	03/27/76	10	5998	22.7	164.3	GGGG	GGGG	82	11
15145N	6129N	2442-20405	00000/0000	2-10017/1032	04/08/76	10	6165	33.6	153.7	GGGG	GGGG	76	17
15145N	6124N	2478-20395	00000/0000	2-10018/1094	05/14/76	70	6667	45.0	151.7	GGGG	GGGG	76	17
15147N	6131N	2586-20365	00000/0000	2-10022/0327	08/30/76	20	8173	34.7	152.6	GGGG	GGGG	76	17
15147N	6127N	2604-20362	00000/0000	2-10022/1122	09/17/76	90	8424	28.4	155.8	GGGG	GGGG	76	17
15147N	5722N	2458-20301	00000/0000	2-10018/0166	04/24/76	30	6388	42.2	148.2	GGGG	GGGG	74	20
15148N	6126N	2568-20373	00000/0000	2-10021/0985	08/12/76	70	7922	40.3	149.6	GGGG	GGGG	76	17
15148N	5721N	2440-20304	00000/0000	2-10017/1068	04/06/76	20	6137	35.9	149.4	GGGG	GGGG	74	20
15149N	6926N	2556-21094	00000/0000	2-10021/0426	07/31/76	10	7755	37.7	160.9	GGGG	GGGG	82	11
15149N	5721N	2584-20264	00000/0000	2-10022/0243	08/28/76	90	8145	38.2	147.5	GGGG	GGGG	74	20
15149N	5717N	2566-20272	00000/0000	2-10021/0855	08/10/76	90	7894	43.6	143.9	GGGG	GGGG	74	20
15151N	7154N	2415-21300	00000/0000	2-10017/0030	03/12/76	10	5789	14.7	168.1	GGGG	GGGG	85	9
15151N	6118N	2550-20380	00000/0000	2-10021/0154	07/25/76	10	7671	44.9	147.4	GGGG	GGGG	76	17
15151N	5719N	2602-20261	00000/0000	2-10022/1018	09/15/76	40	8396	32.2	151.3	GGGG	GGGG	74	20
15153N	6118N	2496-20393	00000/0000	2-10019/0465	06/01/76	10	6918	48.2	149.6	GGGG	GGGG	76	17
15153N	5710N	2494-20292	00000/0000	2-10019/0400	05/30/76	10	6890	50.6	143.7	GGGG	GGGG	74	20
15154N	6121N	2424-20413	00000/0000	2-10017/0385	03/21/76	10	5914	26.7	153.9	GGGG	GGGG	76	17
15155N	6118N	2622-20355	00000/0000	2-10023/0466	10/05/76	90	8675	21.9	158.5	GGGG	GGGG	76	17
15155N	5710N	2548-20275	00000/0000	2-10021/0048	07/23/76	90	7643	47.9	141.3	GGGG	GGGG	74	20
15156N	7154N	2631-21235	00000/0000	2-10023/0761	10/14/76	20	8801	9.5	172.6	GGGG	GGGG	85	9
15156N	6919N	2628-21074	00000/0000	2-10023/0731	10/11/76	60	8759	13.0	168.1	GGGG	GGGG	82	11
15156N	5704N	2512-20235	00000/0000	2-10019/1239	06/17/76	60	7141	51.8	141.3	GGGG	GGGG	74	20
15157N	6819N	2447-21072	00000/0000	2-10017/1317	04/13/76	90	6235	30.2	162.8	GGGG	GGGG	81	12
15157N	6256N	2461-20454	00000/0000	2-10018/0341	04/27/76	40	6430	39.2	154.9	GGGG	GGGG	77	16
15157N	6115N	2658-20343	00000/0000	2-10025/0079	11/10/76	40	9177	9.9	161.4	GGGG	GGGG	76	17
15157N	6114N	2532-20383	00000/0000	2-10020/0608	07/07/76	10	7420	48.0	146.7	GGGG	GGGG	76	17
15157N	6113N	2514-20390	00000/0000	2-10019/1264	06/19/76	30	7169	49.2	147.6	GGGG	GGGG	76	17
15157N	5711N	2620-20254	00000/0000	2-10023/0509	10/03/76	40	8647	25.9	154.7	GGGG	GGGG	74	20

KEYS: CLOUD COVER % ..... 0 = % CLOUD COVER.  
 IMAGE QUALITY ..... -BAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

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PAGE 0771

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15158N	5707N	2530-20232	00000/0000	2-10020/0515	07/05/76	90	7392	50.8	140.4	GGGG		74	20
15159N	7149N	2397-21303	00000/0000	2-10016/0244	02/23/76	40	5538	7.9	167.5	FGGG		85	9
15159W	6919N	2538-21101	00000/0000	2-10020/0863	07/13/76	30	7504	41.5	160.4	GGGG		82	11
15159W	6817N	2465-21065	00000/0000	2-10018/0670	05/01/76	0	6486	36.2	162.8	GGGG		81	12
15159W	6116N	2640-20351	00000/0000	2-10023/1131	10/23/76	30	8926	15.5	160.5	GGGG		76	17
15159W	6112N	2406-20420	00000/0000	2-10016/0729	03/03/76	90	5663	19.7	154.2	GFGG	GGGG	76	17
15200W	6918N	2502-21111	00000/0000	2-10019/0880	06/07/76	70	7002	42.8	162.6	GGGG		82	11
15200W	6916N	2394-21142	00000/0000	2-10016/0148	02/20/76	0	5496	8.9	163.3	GGGG		82	11
15200W	6916N	2412-21135	00000/0000	2-10016/0968	03/09/76	70	5747	15.7	163.4	FGGG		82	11
15200W	5707N	2638-20251	00000/0000	2-10023/1238	10/21/76	90	8898	19.6	157.3	GGGG		74	20
15200W	5706N	2404-20315	00000/0000	2-10016/0629	03/01/76	90	5635	21.9	151.0	GGGG		74	20
15200W	5703N	2386-20322	00000/0000	2-10015/0851	02/12/76	100	5384	15.6	152.3	GGGG		74	20
15201W	7153N	2505-21273	00000/0000	2-10019/0781	06/10/76	50	7044	40.9	168.1	GGGG		85	9
15201W	6814N	2573-21035	00000/0000	2-10021/1126	08/17/76	90	7992	33.8	160.1	FGGG		81	12
15201W	6108N	2388-20423	00000/0000	2-10015/0966	02/14/76	20	5412	13.2	155.1	GPGG		76	17
15202W	5704N	2656-20243	00000/0000	2-10025/0077	11/08/76	20	9149	13.9	158.5	FGGG		74	20
15203W	7152N	2541-21263	00000/0000	2-10020/0996	07/16/76	0	7546	38.9	166.0	GGGG		85	9
15203W	6818N	2591-21032	00000/0000	2-10022/0497	09/04/76	30	8243	27.7	162.3	GGGG		81	12
15203W	6253N	2587-20421	00000/0000	2-10022/0450	08/31/76	50	8187	33.3	154.4	FGGG		77	16
15203W	6252N	2443-20461	00000/0000	2-10017/1189	04/09/76	80	6179	33.0	155.4	GGGG		77	16
15204W	7150N	2523-21270	00000/0000	2-10023/0146	06/28/76	40	7295	41.0	166.6	GGGG		85	9
15205W	6248N	2479-20451	00000/0000	2-10018/1118	05/15/76	20	6681	44.2	153.6	GGGG		77	16
15206W	6916N	2520-21105	00000/0000	2-10019/1442	06/25/76	90	7253	43.3	161.1	GGGG		82	11
15206W	6810N	2483-21062	00000/0000	2-10018/1303	05/19/76	90	6737	40.9	161.9	GGGG		81	12
15207W	6249N	2569-20424	00000/0000	2-10021/0957	08/13/76	30	7936	39.1	151.6	GGGG		77	16
15207W	6247N	2605-20414	00000/0000	2-10022/1176	09/18/76	30	8438	27.0	157.3	FFGG		77	16
15208W	6237N	2407-20472	00000/0000	2-10016/0786	03/04/76	90	5677	19.0	155.5	GGGG		77	16
15210W	6657N	2446-21020	00000/0000	2-10017/1290	04/12/76	80	6221	30.9	160.7	GGFG		80	13
15210W	6656N	2464-21013	00000/0000	2-10018/0376	04/30/76	0	6472	37.0	160.6	GGGG		80	13
15211W	6810N	2429-21075	00000/0000	2-10017/0474	03/26/76	10	5984	23.4	162.2	GGGG		81	12
15211W	6242N	2497-20444	00000/0000	2-10019/0431	06/02/76	10	6932	47.3	151.6	GFGG		77	16
15211W	6241N	2551-20432	00000/0000	2-10021/0166	07/26/76	60	7685	43.8	149.5	GGGG		77	16
15212W	6416N	2444-20513	00000/0000	2-10017/1228	04/10/76	60	6193	32.3	157.1	GGGG		78	15
15212W	6416N	2588-20473	00000/0000	2-10022/0337	09/01/76	30	8201	31.9	156.3	GGGG		78	15
15213W	6244N	2425-20464	00000/0000	2-10017/0247	03/22/76	10	5928	26.0	155.4	GGGG		77	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 26, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0772

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15215W	6806N	2609-21025	00000/0000	2-10022/1432	09/22/76	60	8494	21.2	164.4	GGGG		81	12
15215W	5847N	2459-20353	00000/0000	2-10018/0281	04/25/76	100	6402	41.6	149.8	GGGG		75	19
15216W	6238N	2623-20411	00000/0000	2-10023/0592	10/06/76	90	8689	20.4	159.9	GGGG		77	16
15217W	6806N	2555-21043	00000/0000	2-10021/0345	07/30/76	60	7741	39.0	158.4	GGGG		81	12
15217W	6655N	2572-20563	00000/0000	2-10021/1082	08/16/76	50	7978	35.2	157.9	GGGG		80	13
15217W	6651N	2482-21010	00000/0000	2-10018/1226	05/18/76	40	6723	41.8	159.7	GGGG		80	13
15217W	6237N	2641-20433	00000/0000	2-10023/1275	10/24/76	90	8940	14.0	161.7	GGGG		77	16
15218W	6238N	2533-20435	00000/0000	2-10020/0648	07/08/76	50	7434	47.0	148.9	GGGG		77	16
15219W	7053N	2468-21231	00000/0000	2-10018/0744	05/04/76	0	6528	34.9	167.6	GGGG		84	10
15219W	6537N	2689-20525	00000/0000	2-10022/0476	09/02/76	70	8215	30.6	158.2	GGGG		79	14
15219W	6536N	2445-20564	00000/0000	2-10017/1255	04/11/76	30	6207	31.6	158.8	GGGG		79	14
15219W	6408N	2480-20503	00000/0000	2-10018/1157	05/16/76	10	6695	43.4	155.5	GGGG		78	15
15220W	6801N	2537-21050	00000/0000	2-10020/0775	07/12/76	30	7490	42.6	158.0	GGGG		81	12
15220W	6657N	2590-20581	00000/0000	2-10022/0416	09/03/76	100	8229	29.2	160.1	GGGG		80	13
15220W	6234N	2515-20442	00000/0000	2-10019/1276	06/20/76	50	7183	48.3	149.7	GGGG		77	16
15221W	7054N	2450-21234	00000/0000	2-10017/1573	04/16/76	10	6277	29.1	167.5	GGGG		84	10
15221W	5842N	2567-20323	00000/0000	2-10021/0916	08/11/76	90	7908	42.4	145.9	GGGG		75	19
15221W	5838N	2477-20350	2-10018/1483	2-10018/0990	05/13/76	20	6653	46.7	148.0	GGGG		75	19
15222W	6801N	2501-21060	00000/0000	2-10019/0672	06/06/76	90	6988	43.8	160.2	GGGG		81	12
15222W	6755N	2393-21090	00000/0000	2-10014/0137	02/19/76	0	5482	9.6	161.6	GGGG		81	12
15222W	6407N	2426-20520	00000/0000	2-10017/0326	03/23/76	10	5942	25.4	156.9	GGGG		78	15
15222W	6357N	2408-20524	00000/0000	2-10016/0800	03/05/76	10	5691	18.3	156.8	GGGG		78	15
15222W	6229N	2389-20475	00000/0000	2-10015/0978	02/15/76	50	5426	12.5	156.2	GGGG		77	16
15222W	5842N	2441-20360	00000/0000	2-10017/1082	04/07/76	90	6151	35.3	150.7	GGGG		75	19
15223W	7054N	2594-21194	00000/0000	2-10022/0637	09/07/76	10	8285	24.5	167.1	GGGG		84	10
15223W	6759N	2519-21053	00000/0000	2-10020/0018	06/24/76	80	7239	44.3	158.7	GGGG		81	12
15223W	6402N	2498-20500	00000/0000	2-10019/0518	06/03/76	70	6946	46.5	153.7	GGGG		78	15
15223W	5843N	2585-20320	00000/0000	2-10022/0303	08/29/76	80	8159	37.0	149.2	GGGG		75	19
15224W	6649N	2608-20574	00000/0000	2-10022/1239	09/21/76	90	8480	22.6	162.5	GGGG		80	13
15224W	6648N	2428-21024	00000/0000	2-10017/0423	03/25/76	40	5970	24.1	160.2	GGGG		80	13
15224W	6407N	2606-20470	00000/0000	2-10022/1228	09/19/76	80	8452	25.6	159.0	GGGG		78	15
15226W	6647N	2554-20591	00000/0000	2-10021/0333	07/29/76	90	7727	40.2	156.1	GGGG		80	13
15226W	6529N	2607-20522	00000/0000	2-10022/1263	09/20/76	70	8466	24.1	160.7	GGGG		79	14
15226W	6402N	2552-20433	00000/0000	2-10021/0207	07/27/76	40	7699	42.7	151.6	GGGG		78	15
15227W	5840N	2603-20313	00000/0000	2-10022/1078	09/16/76	90	8410	30.9	152.8	GGGG		75	19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0773

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15227.4	5832N	2531-20334	00000/0000	2-10020/0531	07/06/76	70	7406	49.8	142.5	GGGG		75	19
15228.4	7051N	2576-21201	00000/0000	2-10021/1358	08/20/76	80	8034	30.8	165.1	GGGG		84	10
15228.4	5834N	2549-20331	00000/0000	2-10021/0240	07/24/76	70	7657	46.9	143.4	GGGG		75	19
15228.4	5833N	2495-20343	00000/0000	2-10019/0431	05/31/76	10	6904	49.9	145.6	FFGG		75	19
15229.4	6527N	2427-20572	00000/0000	2-10017/0409	03/24/76	10	5956	24.8	158.5	GGGG		79	14
15229.4	6400N	2624-20463	00000/0000	2-10023/0565	10/07/76	90	8703	19.0	161.4	GGGG		78	15
15229.4	6358N	2534-20490	00000/0000	2-10020/0701	07/09/76	70	7448	45.9	151.0	GGGG		78	15
15231.4	6643N	2626-20570	00000/0000	2-10023/0701	10/09/76	90	8731	15.9	164.5	GGGG		80	13
15231.4	6400N	2642-20455	00000/0000	2-10024/0074	10/25/76	80	8954	12.6	163.0	GGGG		78	15
15231.4	6354N	2516-20494	00000/0000	2-10019/1316	06/21/76	60	7197	47.3	151.8	GGGG		78	15
15231.4	5829N	2513-20341	00000/0000	2-10019/1209	06/18/76	70	7155	51.0	143.4	GGGG		75	19
15231.4	5828N	2369-20380	00000/0000	2-10015/0204	01/26/76	100	5147	9.8	155.0	GGGG		75	19
15231.4	5824N	2387-20374	00000/0000	2-10015/0875	02/13/76	70	5398	14.9	153.2	FFGG		75	19
15232.4	7046N	2612-21191	00000/0000	2-10022/1454	09/25/76	90	8536	17.7	168.9	GGGG		84	10
15232.4	6525N	2553-20535	00000/0000	2-10021/0321	07/28/76	90	7713	41.4	153.8	GGGG		79	14
15232.4	6522N	2499-20552	00000/0000	2-10019/0609	06/04/76	30	6960	45.6	155.8	GGGG		79	14
15232.4	5830N	2639-20302	00000/0000	2-10023/1289	10/22/76	50	8912	18.1	158.3	FFGG		75	19
15233.4	6755N	2411-21083	00000/0000	2-10016/0909	03/08/76	80	5733	16.4	161.5	GGGG		81	12
15233.4	6642N	2500-21004	00000/0000	2-10019/0562	06/05/76	10	6974	44.7	157.9	GGGG		80	13
15233.4	5832N	2621-20310	00000/0000	2-10023/0454	10/04/76	50	8661	24.5	156.0	GGGG		75	19
15233.4	5826N	2405-20371	00000/0000	2-10016/0689	03/02/76	90	5649	21.4	151.9	GGGG	GGG	75	19
15234.4	7046N	2432-21241	00000/0000	2-10017/0652	03/29/76	10	6026	22.4	166.6	FFGG		84	10
15234.4	6636N	2392-21034	00000/0000	2-10016/0106	02/18/76	0	5468	10.3	160.0	GGGG		80	13
15234.4	6521N	2625-20514	00000/0000	2-10023/0630	10/08/76	90	8717	17.5	162.9	GGGG		79	14
15235.4	6640N	2644-20562	00000/0000	2-10024/0099	10/27/76	50	8982	9.6	165.8	GGGG		80	13
15235.4	6520N	2643-20511	00000/0000	2-10024/0002	10/26/76	90	8968	11.1	164.4	FFGG		79	14
15236.4	6640N	2536-20594	00000/0000	2-10020/0840	07/11/76	40	7476	43.7	155.5	GGGG		80	13
15236.4	6350N	2390-20531	00000/0000	2-10015/1006	02/16/76	0	5440	11.8	157.3	GGGG		78	15
15237.4	7044N	2558-21204	00000/0000	2-10021/0498	08/02/76	10	7783	36.2	163.6	GGGG		84	10
15237.4	6637N	2410-21031	00000/0000	2-10016/0896	03/07/76	40	5719	17.0	159.8	GGGG		80	13
15237.4	5558N	2458-20303	00000/0000	2-10016/0167	04/24/76	50	6388	43.2	146.6	GGGG		74	21
15238.4	6518N	2517-20545	00000/0000	2-10019/1415	06/22/76	90	7211	46.3	154.0	GGGG		79	14
15239.4	6518N	2409-20575	00000/0000	2-10016/0884	03/06/76	90	5705	17.7	158.3	GGGG		79	14
15239.4	6510N	2391-20582	00000/0000	2-10015/1064	02/17/76	0	5454	11.1	158.6	GGGG		79	14
15239.4	5558N	2440-20311	00000/0000	2-10017/1069	04/06/76	60	6137	36.8	147.9	GGGG		74	21

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01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING

PAGE 0774

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RSL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MBDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
15240N	5554N	2556-20274	00000/0000	2-10021/0856	08/10/76	90	7894	44.5	142.2	GGGG		74	21
15241N	5557N	2584-20271	00000/0000	2-10022/0244	08/28/76	80	8145	39.2	146.0	GGGG		74	21
15243N	5556N	2602-20264	00000/0000	2-10022/1019	09/15/76	80	8396	33.2	150.1	GGGG		74	21
15243N	5547N	2494-20294	00000/0000	2-10019/0401	05/30/76	50	6890	51.5	141.6	GGGG		74	21
15246N	5009N	2460-20404	00000/0000	2-10018/0269	04/26/76	80	6416	40.9	151.4	GGGG		76	18
15246N	5546N	2548-20281	00000/0000	2-10021/0049	07/23/76	90	7643	48.8	139.3	GGGG		74	21
15247N	5541N	2512-20231	00000/0000	2-10019/1240	06/17/76	20	7141	52.6	139.2	GGGG		74	21
15248N	6007N	2442-20412	00000/0000	2-10017/1033	04/08/76	40	6165	34.6	152.2	GGGG		76	18
15248N	5548N	2620-20261	00000/0000	2-10023/0510	10/03/76	60	8647	26.9	153.6	GGGG		74	21
15248N	5544N	2530-20284	00000/0000	2-10020/0516	07/05/76	100	7392	51.6	138.2	GGGG		74	21
15249N	7038N	2504-21221	00000/0000	2-10019/0730	06/09/76	90	7030	41.9	165.2	GGGG		84	10
15249N	7037N	2414-21244	00000/0000	2-10016/1042	03/11/76	10	5775	15.4	165.6	GGGG		84	10
15249N	6003N	2568-20375	00000/0000	2-10021/0986	08/12/76	60	7922	41.3	147.8	GGGG		76	18
15249N	6001N	2478-20402	00000/0000	2-10018/1095	05/14/76	70	6667	46.0	149.7	GGGG		76	18
15250N	6008N	2586-20372	00000/0000	2-10022/0328	08/30/76	70	8173	35.7	151.0	GGGG		76	18
15250N	6005N	2604-20365	00000/0000	2-10022/1123	09/17/76	90	8424	29.4	154.4	GGGG		76	18
15250N	5544N	2633-20253	00000/0000	2-10023/1239	10/21/76	80	8898	20.7	156.3	GGGG		74	21
15250N	5543N	2404-20322	00000/0000	2-10016/0630	03/01/76	90	5635	22.9	149.9	FFFF		74	21
15251N	5540N	2386-20324	00000/0000	2-10015/0852	02/12/76	90	5384	16.7	151.4	GGGG		74	21
15252N	7037N	2540-21211	00000/0000	2-10020/0876	07/15/76	10	7532	40.1	163.1	GGGG		84	10
15252N	7034N	2630-21134	00000/0000	2-10023/0802	10/13/76	60	8787	11.1	170.2	FGGG		84	10
15252N	5541N	2656-20245	00000/0000	2-10025/0078	11/08/76	30	9149	15.1	157.7	FGGG		74	21
15254N	5956N	2550-20382	00000/0000	2-10021/0155	07/25/76	10	7671	45.8	145.4	GGGF		76	18
15255N	7034N	2522-21215	00000/0000	2-10020/0113	06/27/76	70	7281	42.1	163.7	GGGF		84	10
15255N	7032N	2396-21252	00000/0000	2-10015/0260	02/22/76	40	5524	8.6	165.2	GGGG		84	10
15255N	5955N	2496-20395	00000/0000	2-10019/0466	06/01/76	10	6918	49.1	147.5	GGFG		76	18
15256N	5958N	2424-20415	00000/0000	2-10017/0386	03/21/76	30	5914	27.7	152.6	FGGF		76	18
15258N	6936N	2467-21175	00000/0000	2-10018/0733	05/03/76	0	6514	35.7	165.1	FGG		83	11
15258N	5955N	2622-20362	00000/0000	2-10023/0467	10/05/76	80	8675	23.0	157.3	GGGF		76	18
15259N	5952N	2532-20385	00000/0000	2-10020/0609	07/07/76	30	7420	48.9	144.6	GGGG		76	18
15259N	5951N	2514-20392	00000/0000	2-10019/1245	06/19/76	30	7169	50.1	145.4	GGGG		76	18
15300N	5952N	2658-20350	00000/0000	2-10025/0080	11/10/76	20	9177	11.0	160.4	GGGG		76	18
15301N	5953N	2640-20354	00000/0000	2-10023/1132	10/23/76	50	8926	16.6	159.5	GGGG		76	18
15301N	5950N	2406-20423	00000/0000	2-10016/0730	03/03/76	100	5663	20.7	153.0	GGG		76	18
15301N	5948N	2370-20432	00000/0000	2-10015/0026	01/27/76	90	5161	9.0	155.8	GGGF		76	18

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0775

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15303W	5946N	2388-20430	00000/0000	2-10015/0967	02/14/76	20	5412	14.2	154.1			
15305W	7201N	2614-21301	00000/0000	2-10023/0139	09/27/76	80	8564	15.9	171.5	GGGG	76	18
15306W	6133N	2461-20460	00000/0000	2-10018/0342	04/27/76	80	6430	40.2	153.2	GGGF	86	9
15307W	6933N	2575-21145	00000/0000	2-10022/0188	08/19/76	70	8020	32.2	162.6	GGGG	77	17
15307W	6933N	2593-21142	00000/0000	2-10022/0659	09/06/76	90	8271	26.0	164.6	GGGG	83	11
15310W	5724N	2459-20355	00050/0000	2-10018/0282	04/25/76	100	6402	42.5	148.2	GGGG	83	11
15311W	6928N	2431-21185	00000/0000	2-10017/0695	03/28/76	10	6012	23.1	164.3	GGGG	75	20
15311W	6928N	2557-21152	00000/0000	2-10021/0485	08/01/76	0	7769	37.4	161.0	GGGG	83	11
15311W	6131N	2587-20424	00000/0000	2-10022/0451	08/31/76	50	8187	34.3	152.8	GGGG	83	11
15311W	6130N	2443-20463	00000/0000	2-10017/1190	04/09/76	80	6179	34.0	153.8	GGGG	77	17
15313W	7201N	2560-21314	00000/0000	2-10021/0557	08/04/76	90	7811	34.6	166.6	GGGG	77	17
15313W	6125N	2479-20453	00000/0000	2-10018/1119	05/15/76	10	6681	45.2	151.6	GGGG	86	9
15314W	6926N	2485-21172	00000/0000	2-10019/0002	05/21/76	10	6765	40.3	164.2	GGGG	77	17
15314W	6127N	2569-20431	00000/0000	2-10021/0958	08/13/76	60	7936	40.0	149.7	GGGG	83	11
15315W	6125N	2605-20421	00000/0000	2-10022/1177	09/18/76	40	8438	28.0	155.9	GGGG	77	17
15315W	6116N	2407-20474	00000/0000	2-10016/0787	03/04/76	20	5677	20.0	154.3	GGGG	77	17
15315W	5715N	2477-20352	00000/0000	2-10018/0991	05/13/76	70	6653	47.6	146.1	GGGF	75	20
15316W	6927N	2611-21135	00000/0000	2-10022/1417	09/24/76	100	8522	19.3	166.6	GGGG	83	11
15316W	5719N	2441-20362	00000/0000	2-10017/1083	04/07/76	90	6151	36.3	149.3	GGGG	75	20
15316W	5719N	2567-20330	00000/0000	2-10021/0917	08/11/76	90	7908	43.3	144.1	GGGG	75	20
15317W	5719N	2545-20323	00000/0000	2-10022/0304	08/29/76	90	8159	37.9	147.7	GGGG	75	20
15317W	5712N	2477-20353	2-10019/1505	00000/0000	05/13/76	60	6653	47.6	146.0	GGG	75	20
15318W	6119N	2497-20451	00000/0000	2-10019/0492	06/02/76	30	6932	48.3	149.5	GGGG	77	17
15319W	6921N	2503-21170	00000/0000	2-10019/0717	06/08/76	40	7016	42.9	162.6	GGFG	83	11
15319W	6120N	2551-20434	00000/0000	2-10021/0167	07/26/76	70	7685	44.7	147.5	GGGG	77	17
15320W	5710N	2531-20340	00000/0000	2-10020/0532	07/06/76	100	7406	50.7	140.4	GGGG	75	20
15321W	7154N	2632-21293	00000/0000	2-10023/0777	10/15/76	90	8815	9.2	172.7	GGGG	86	9
15321W	6122N	2425-20471	00000/0000	2-10017/0248	03/22/76	40	5928	27.1	153.9	GGGG	77	17
15321W	5710N	2495-20350	00000/0000	2-10019/0432	05/31/76	10	6904	50.8	143.5	GGGG	75	20
15322W	5717N	2603-20320	00000/0000	2-10022/1079	09/16/76	90	8410	31.9	151.5	GGGF	75	20
15322W	5711N	2549-20333	00000/0000	2-10021/0241	07/24/76	80	7657	47.7	141.4	GGGG	75	20
15324W	6818N	2448-21130	00000/0000	2-10017/1330	04/14/76	10	6249	30.6	162.8	GGGG	82	12
15324W	6116N	2533-20441	00000/0000	2-10020/0649	07/08/76	50	7434	47.9	146.7	GGGG	77	17
15324W	6115N	2623-20414	00000/0000	2-10023/0593	10/06/76	100	8689	21.6	158.6	GGGG	77	17
15324W	6115N	2659-20402	00000/0000	2-10025/0156	11/11/76	80	9191	9.6	161.4	GGGG	77	17

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0776

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
15324N	5705N	2369-2038P	00000/0000	2-10015/1205	01/26/76	100	5147	10.9	154.2	GGFG		75	20
15325N	6116N	2641-20410	00000/0000	2-10023/1276	10/24/76	80	8940	15.2	160.6	GGGG		77	17
15325N	5706N	2513-20343	00000/0000	2-10019/1210	06/18/76	80	7155	51.8	141.3	GGGG		75	20
15325N	5702N	2387-20380	00000/0000	2-10015/0876	02/13/76	70	5398	16.0	152.2	FGGG		75	20
15326N	7148N	2398-21362	00000/0000	2-10016/0368	02/24/76	20	5552	8.2	167.5	FFFG		86	9
15326N	6920N	2629-2113P	00000/0000	2-10023/0904	10/12/76	30	8773	12.6	168.2	GGGG		83	11
15326N	6255N	2588-20475	00000/0000	2-10022/0338	09/01/76	30	8201	33.0	154.6	GGGG		78	16
15326N	6112N	2515-20444	00000/0000	2-10019/1277	06/20/76	80	7183	49.2	147.5	GGGG		77	17
15326N	5707N	2639-20305	00000/0000	2-10023/1290	10/22/76	70	8912	19.2	157.4	FFGG		75	20
15327N	6817N	2574-21093	00000/0000	2-10021/1311	08/18/76	70	8006	33.5	160.2	GGGG		82	12
15327N	6816N	2466-21127	00000/0000	2-10018/0361	05/02/76	0	6500	36.5	162.7	GGGG		82	12
15327N	6253N	2444-20515	00000/0000	2-10017/1229	04/10/76	30	6193	33.3	155.4	GGFG		78	16
15327N	5708N	2621-20313	00000/0000	2-10023/0455	10/04/76	70	8661	25.5	154.9	GGGG		75	20
15327N	5703N	2406-20373	00000/0000	2-10016/0690	03/02/76	90	5649	22.4	150.8	GGG GGGG		78	20
15328N	6915N	2395-21200	00000/0000	2-10016/0162	02/21/76	0	5510	9.3	163.3	GGGG		83	11
15329N	7154N	2542-21321	00000/0000	2-10020/1050	07/17/76	50	7560	38.7	166.0	GGGG		86	9
15329N	6918N	2539-21160	00000/0000	2-10020/0915	07/14/76	10	7518	41.3	160.4	GGGG		83	11
15329N	6915N	2413-21193	00000/0000	2-10016/1004	03/10/76	80	5761	16.1	163.4	GGGG		83	11
15329N	6107N	2389-20481	00000/0000	2-10015/0979	02/15/76	40	5426	13.5	155.1	GGGG		77	17
15331N	7149N	2524-21325	00000/0000	2-10020/0204	06/29/76	10	7309	41.0	166.5	GFGG		86	9
15332N	6915N	2521-21163	00000/0000	2-10020/0067	06/26/76	80	7267	43.2	161.0	GGFG		83	11
15332N	6816N	2592-21091	00000/0000	2-10022/0511	09/05/76	70	8257	27.4	162.4	GGGG		82	12
15333N	6809N	2484-21120	00000/0000	2-10018/1316	05/20/76	20	6751	41.1	161.8	GGGG		82	12
15333N	6246N	2480-20505	00000/0000	2-10018/1158	05/16/76	30	6695	44.4	153.5	GGGG		78	16
15334N	6811N	2610-21093	00000/0000	2-10022/1347	09/23/76	100	8508	20.7	164.6	GGGG		82	12
15335N	6811N	2430-21133	00000/0000	2-10017/0499	03/27/76	0	5998	23.8	162.2	GGGG		82	12
15335N	6246N	2426-20523	00000/0000	2-10017/0327	03/23/76	50	5942	26.4	155.4	GGGG		78	16
15335N	6236N	2408-20530	00000/0000	2-10016/0801	03/05/76	10	5691	19.4	155.5	FFFF		78	16
15336N	6240N	2498-20503	00000/0000	2-10019/0519	06/03/76	60	6946	47.4	151.5	GGGG		78	16
15337N	6659N	2447-21074	00000/0000	2-10017/1318	04/13/76	20	6235	31.3	160.8	GGGG		81	13
15338N	6658N	2465-21071	00000/0000	2-10018/0671	05/01/76	0	6486	37.3	160.6	GGGG		81	13
15338N	6246N	2606-20473	00000/0000	2-10022/1229	09/19/76	20	8452	26.6	157.5	GGGG		78	16
15339N	6807N	2556-21101	00000/0000	2-10021/0427	07/31/76	10	7755	38.7	158.5	GGGG		82	12
15339N	6240N	2552-20490	00000/0000	2-10021/0208	07/27/76	30	7699	43.6	149.5	GGGG		78	16
15340N	6537N	2446-21023	00000/0000	2-10017/1291	04/12/76	80	6221	32.0	158.8	GGGG		80	14

KEYS: CLOUD COVER 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY BLANKS=NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0777

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REL MSR	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
15340N	6416N	2589-20531	00000/0000	2-10022/0477	09/02/76	30	8215	31.6	156.4	GGGG		79	15
15340N	6414N	2445-20571	00000/0000	2-10017/1256	04/11/76	20	6207	32.7	157.0	GGGG		79	15
15341N	7142N	2488-21335	00000/0000	2-10019/0065	05/24/76	100	6807	38.9	168.8	GGGG		86	9
15341N	6535N	2464-21020	00000/0000	2-10018/0377	04/30/76	0	6472	38.1	158.5	GGGG		80	14
15341N	6237N	2534-20493	00000/0000	2-10020/0702	07/09/76	80	7448	46.9	148.8	GGGG		78	16
15342N	6654N	2573-21042	00000/0000	2-10021/1127	08/17/76	60	7992	34.9	157.9	GGGG		81	13
15343N	7055N	2469-21245	00000/0000	2-10018/0632	05/05/76	100	6542	35.2	167.7	F		85	10
15343N	6658N	2591-21035	00000/0000	2-10022/0498	09/04/76	40	8243	28.8	160.3	GGGG		81	13
15343N	6238N	2624-20465	00000/0000	2-10023/0566	10/07/76	80	8703	20.1	160.0	GGGG		78	16
15344N	7056N	2451-21232	00000/0000	2-10017/1481	04/17/76	0	6291	29.4	167.6	GGGG		85	10
15345N	6801N	2628-21040	00000/0000	2-10023/0732	10/11/76	20	8759	14.1	166.3	GGGG		82	12
15345N	6650N	2423-21065	00000/0000	2-10018/1304	05/19/76	80	6737	42.0	159.6	GGGG		81	13
15345N	6238N	2642-20461	00000/0000	2-10024/0075	10/25/76	80	8954	13.7	161.8	GGGG		78	16
15345N	5846N	2400-20411	00000/0000	2-10018/0270	04/26/76	90	6416	41.9	149.7	GGGG		76	19
15346N	6530N	2432-21013	00000/0000	2-10018/1227	05/18/76	40	6723	42.8	157.5	GGGG		80	14
15346N	5843N	2442-20414	00000/0000	2-10017/1034	04/08/76	70	6165	35.6	150.7	GGGF		76	19
15347N	6535N	2572-20590	00000/0000	2-10021/1083	08/16/76	90	7978	36.2	155.8	GGGG		80	14
15347N	6409N	2607-20524	00000/0000	2-10022/1264	09/20/76	80	8466	25.2	159.1	GGGP		79	15
15347N	5840N	2568-20382	00000/0000	2-10021/0987	08/12/76	60	7922	42.2	146.0	GGGG		76	19
15348N	6800N	2502-21114	00000/0000	2-10019/0881	06/07/76	100	7002	43.9	160.1	GGGG		82	12
15348N	6800N	2538-21104	00000/0000	2-10020/0864	07/13/76	50	7504	42.5	157.9	GGGG		82	12
15348N	6758N	2412-21141	00000/0000	2-10016/0969	03/09/76	40	5747	16.8	161.5	FGGG		82	12
15348N	6757N	2394-21144	00000/0000	2-10016/0149	02/20/76	0	5496	9.9	161.6	GGGG		82	12
15348N	6229N	2390-20533	00000/0000	2-10015/1007	02/16/76	0	5440	12.8	156.1	GGGG		78	16
15348N	5845N	2556-20374	00000/0000	2-10022/0329	08/30/76	70	8173	36.6	149.5	GGGG		76	19
15348N	5837N	2478-20404	00000/0000	2-10018/1096	05/14/76	80	6667	46.9	147.8	GGGG		76	19
15349N	6651N	2429-21042	00000/0000	2-10017/0475	03/26/76	0	5984	24.5	160.3	GGGG		81	13
15349N	6405N	2427-20574	00000/0000	2-10017/0410	03/24/76	10	5956	25.8	156.9	GGGG		79	15
15349N	5842N	2604-20371	00000/0000	2-10022/1124	09/17/76	90	8424	30.5	153.0	GGGG		76	19
15350N	7052N	2577-21255	00000/0000	2-10021/1248	08/21/76	80	8048	30.4	165.3	GGGG		85	10
15350N	6536N	2590-20583	00000/0000	2-10022/0417	09/03/76	90	8229	30.2	158.3	GGGG		80	14
15352N	6404N	2553-20542	00000/0000	2-10021/0322	07/28/76	90	7713	42.4	151.7	GGGG		79	15
15352N	5832N	2496-20402	00000/0000	2-10019/0467	06/01/76	10	6918	50.0	145.4	FGG		76	19
15353N	6528N	2425-21030	00000/0000	2-10017/0424	03/25/76	50	5970	25.1	158.5	GGGG		80	14
15353N	6528N	2605-20550	00000/0000	2-10022/1240	09/21/76	80	8480	23.7	160.8	GGGG		80	14

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0778

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS						123 45678				
15353N	6401N	2499-20554	00000/0000	2-10019/0610	06/04/76	50	6960	46.6	153.5	GGGG		79	15
15353W	5836N	2424-20422	00000/0000	2-10017/0387	03/21/76	90	5914	28.7	151.3	GGGG		76	19
15353W	5833N	2550-20385	00000/0000	2-10021/0156	07/25/76	60	7671	46.7	143.4	GGGG		76	19
15354W	7052N	2595-21252	00000/0000	2-10022/0700	09/08/76	90	8299	24.1	167.2	GGGG		85	10
15354W	6758N	2520-21111	00000/0000	2-10019/1443	06/25/76	80	7253	44.3	158.6	GGGG		82	12
15354W	6647N	2609-21032	00000/0000	2-10022/1433	09/22/76	60	8494	22.3	162.6	GGGG		81	13
15354W	6646N	2555-21045	00000/0000	2-10021/0346	07/30/76	80	7741	40.0	156.1	GGGG		81	13
15354W	6527N	2554-20593	00000/0000	2-10021/0334	07/29/76	90	7727	41.2	153.9	GGGG		80	14
15355W	6400N	2625-20521	00000/0000	2-10023/0631	10/08/76	90	8717	18.6	161.5	GGGG		79	15
15355W	6400N	2643-20513	00000/0000	2-10024/0003	10/26/76	70	8968	12.2	163.1	GGGG		79	15
15356W	5832N	2622-20364	00000/0000	2-10023/0468	10/05/76	40	8675	24.1	156.2	GGGG		76	19
15356W	5829N	2532-20392	00000/0000	2-10020/0610	07/07/76	50	7420	49.7	142.5	GGGG		76	19
15356W	5828N	2514-20395	00000/0000	2-10019/1266	06/19/76	40	7169	51.0	143.3	GGGG		76	19
15357W	6642N	2537-21052	00000/0000	2-10020/0776	07/12/76	10	7490	43.6	155.6	GGGG		81	13
15357W	6356N	2517-20552	00000/0000	2-10019/1416	06/22/76	70	7211	47.3	151.7	GGGG		79	15
15358W	7045N	2559-21262	00000/0000	2-10021/0539	08/03/76	90	7797	35.9	163.7	GGGG		85	10
15358W	6636N	2393-21092	00000/0000	2-10016/0138	02/19/76	0	5482	10.7	160.0	GGGG		81	13
15358W	6357N	2409-20582	00000/0000	2-10016/0885	03/06/76	100	5705	18.7	156.8	GGGG		79	15
15358W	5831N	2640-20360	00000/0000	2-10023/1133	10/23/76	50	8926	17.8	158.4	GGGG		76	19
15358W	5829N	2658-20352	00000/0000	2-10025/0031	11/10/76	40	9177	12.2	159.5	GGGG		76	19
15359W	6349N	2391-20535	00000/0000	2-10015/1065	02/17/76	0	5454	12.1	157.3	GGGG		79	15
15359W	5827N	2406-20425	00000/0000	2-10016/0731	03/03/76	100	5663	21.7	151.9	GGG GGGG		76	19
15359W	5825N	2370-20434	00000/0000	2-10015/0027	01/27/76	40	5161	10.1	154.9	GGGG		76	19
15400W	7048N	2433-21295	00000/0000	2-10017/0667	03/30/76	10	6040	22.8	166.7	GGGG		85	10
15400W	6642N	2501-21062	00000/0000	2-10019/0673	06/06/76	100	6988	44.8	157.8	GGGG		81	13
15400W	6639N	2519-21055	00000/0000	2-10020/0019	06/24/76	90	7239	45.3	156.2	GGGG		81	13
15400W	6522N	2626-20573	00000/0000	2-10023/0702	10/09/76	60	8731	17.1	163.0	GGGG		80	14
15400W	5823N	2388-20432	00000/0000	2-10015/0968	02/14/76	50	5412	15.3	153.1	GGGG		76	19
15401W	6522N	2500-21010	00000/0000	2-10019/0563	06/05/76	70	6974	45.7	155.6	GGGG		80	14
15401W	5600N	2459-20362	00000/0000	2-10018/0283	04/25/76	100	6402	43.5	146.5	GGGG		75	21
15402W	6640N	2645-21020	00000/0000	2-10024/0135	10/28/76	80	8996	9.3	165.9	GGGG		81	13
15402W	6516N	2392-21041	00000/0000	2-10016/0107	02/18/76	0	5468	11.4	158.6	GGGG		80	14
15403W	6520N	2536-21000	00000/0000	2-10020/0841	07/11/76	20	7476	44.7	153.2	GGGG		80	14
15403W	6520N	2644-20565	00000/0000	2-10024/0100	10/27/76	30	8982	10.7	164.4	GGGG		80	14
15404W	7044N	2613-21245	00000/0000	2-10023/0057	09/26/76	90	8550	17.4	165.0	GGGG		85	10

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANHSAT-2  
COORDINATE LISTING

PAGE 0779

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL OF IMAGE LONG LAT	PRINCIPAL OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI. MSS	DATE ACQUIRED	CLCUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME R&W NUM.
15404N	6517N	2410-21034	00000/0000	2-10016/0897	03/07/76	60	5719	18.1	158.2				80	14
15405N	5552N	2477-20355	P-10018/1484	2-10018/0992	05/13/76	40	6653	48.5	144.2	FFF	GGGG		75	21
15406N	5555N	2441-20365	00000/0000	2-10017/1084	04/07/76	90	6151	37.2	147.8		GGGG		75	21
15407N	5555N	2567-20332	00000/0000	2-10021/0918	08/11/76	100	7908	44.2	142.4		GGGG		75	21
15408N	7042N	2487-21282	00000/0000	2-10019/0031	05/23/76	100	6793	39.6	166.6		GGGG		85	10
15408N	7038N	2415-21303	00000/0000	2-10017/0031	03/12/76	10	5789	15.8	165.7		FGFG		85	10
15408N	5556N	2585-20325	00000/0000	2-10022/0305	08/29/76	90	8159	38.9	146.2		GGGF		75	21
15409N	6635N	2411-21085	00000/0000	2-10016/0910	03/08/76	90	5733	17.5	159.8		GGGG		81	13
15409N	6011N	2461-20463	00000/0000	2-10018/0343	04/27/76	80	6430	41.2	151.4		GGGF		77	18
15410N	5546N	2531-20343	00000/0000	2-10020/0533	07/06/76	100	7406	51.4	138.3		GGGG		75	21
15411N	5547N	2495-20352	00000/0000	2-10019/0433	05/31/76	10	6904	51.6	141.5		FGGG		75	21
15412N	5547N	2549-20340	00000/0000	2-10021/0242	07/24/76	70	7657	48.5	139.4		GGGG		75	21
15413N	7034N	2397-21310	00000/0000	2-10016/0245	02/23/76	70	5538	8.9	165.3		FGGG		85	10
15413N	5553N	2603-20322	00000/0000	2-10022/1080	09/16/76	90	8410	32.9	150.2		GGGG		75	21
15414N	6009N	2587-20430	00000/0000	2-10022/0452	08/31/76	70	8187	35.3	151.2		GGGG		77	18
15414N	6008N	2443-20470	00000/0000	2-10017/1191	04/09/76	100	6179	35.0	152.2		GGGG		77	18
15414N	5541N	2369-20385	00000/0000	2-10015/0206	01/26/76	100	5147	12.0	153.4		GGGF		75	21
15415N	7038N	2631-21242	00000/0000	2-10023/0762	10/14/76	40	8801	10.7	170.4		GGGF		85	10
15415N	5542N	2513-20350	00000/0000	2-10019/1211	06/18/76	90	7155	52.6	139.1		GGGG		75	21
15415N	5538N	2387-20353	00000/0000	2-10015/0877	02/13/76	60	5398	17.0	151.3		FGGF		75	21
15416N	6006N	2569-20433	00000/0000	2-10021/0959	08/13/76	90	7936	41.0	148.0		GGGG		77	18
15416N	6002N	2479-20460	00000/0000	2-10018/1120	05/15/76	10	6681	46.2	149.7		GGGG		77	18
15416N	5543N	2639-20311	00000/0000	2-10023/1291	10/22/76	90	8912	20.4	156.4		GGGG		75	21
15417N	5540N	2405-20380	00000/0000	2-10016/0691	03/02/76	90	5649	23.4	149.8	GGG	GGGG		75	21
15418N	7037N	2505-21253	00000/0000	2-10019/0782	06/10/76	90	7044	42.0	165.1		FGGG		85	10
15418N	6002N	2605-20423	00000/0000	2-10022/1178	09/18/76	30	8438	29.1	154.5		GGGG		77	18
15418N	5545N	2621-20315	00000/0000	2-10023/0456	10/04/76	60	8661	26.6	153.8		GGGG		75	21
15419N	7037N	2541-21270	00000/0000	2-10020/0997	07/16/76	0	7546	40.0	163.1		GGGG		85	10
15420N	7033N	2523-21273	00000/0000	2-10020/0147	06/28/76	20	7295	42.1	163.6		GGGG		85	10
15421N	5958N	2551-20441	00000/0000	2-10021/0168	07/26/76	80	7685	45.6	145.5		GGGG		77	18
15421N	5957N	2497-20453	00000/0000	2-10019/0493	06/02/76	70	6932	49.2	147.4		GGGG		77	18
15423N	6936N	2468-21233	00000/0000	2-10018/0745	05/04/76	20	6528	36.0	165.1		GGGG		84	11
15423N	5959N	2425-20473	00000/0000	2-10017/0249	03/22/76	90	5928	28.1	152.6		GGGG		77	18
15425N	5953N	2533-20444	00000/0000	2-10020/0650	07/08/76	30	7434	48.7	144.6		GGGG		77	18
15426N	6937N	2450-21240	00000/0000	2-10017/1574	04/16/76	20	6277	30.2	165.0		GGGG		84	11

KEYS: CLCUD COVER % ..... 0 TO 100 \* % CLCUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0780

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN REL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV							123 45678				
15426W	5953N	2659-20404	00000/0000	2-10025/0157	11/11/76	90	9191	10.8	160.4	GGGG		77	18
15427W	7205N	2471-21395	00000/0000	2-10018/0696	05/07/76	10	6570	34.7	170.3	GGGG		87	9
15427W	5953N	2641-20412	00000/0000	2-10023/1277	10/24/76	100	8940	16.3	159.5	GGPG		77	18
15427W	5952N	2623-20420	00000/0000	2-10023/0594	10/06/76	90	8689	22.7	157.4	GGGG		77	18
15428W	5950N	2515-20451	00000/0000	2-10019/1278	06/20/76	30	7183	50.1	145.3	GGGG		77	18
15430W	6134N	2462-20514	00000/0000	2-10018/0391	04/28/76	0	6444	40.5	153.1	GGGG		78	17
15431W	5944N	2389-20434	00000/0000	2-10015/0980	02/15/76	80	5426	14.6	154.0	GGGG		77	18
15432W	7203N	2435-21405	00000/0000	2-10017/0770	04/01/76	10	6068	22.5	169.3	GGGG		87	9
15433W	6933N	2576-21204	00000/0000	2-10021/1359	08/20/76	20	8034	31.8	162.7	GGGF		84	11
15434W	7201N	2561-21372	00000/0000	2-10021/0606	08/05/76	100	7825	34.3	166.7	GGGG		87	9
15434W	6133N	2588-20482	00000/0000	2-10022/0339	09/01/76	60	8201	34.0	153.0	GGGG		78	17
15435W	7158N	2489-21392	00000/0000	2-10019/0113	05/25/76	100	6821	38.9	169.4	GGGG		87	9
15435W	6132N	2444-20522	00000/0000	2-10017/1230	04/10/76	70	6193	34.3	153.8	GGGG		78	17
15435W	5952N	2407-20481	00000/0000	2-10016/0788	03/04/76	10	5677	21.0	153.1	GGGG		77	18
15436W	6929N	2612-21193	00000/0000	2-10022/1455	09/25/76	90	8536	18.9	166.8	GGGG		84	11
15437W	6929N	2432-21243	00000/0000	2-10017/0653	03/29/76	10	6026	23.5	164.3	GGGG		84	11
15438W	7159N	2615-21355	00000/0000	2-10023/0281	09/28/76	90	8578	15.5	171.5	PGGG		87	9
15439W	6926N	2558-21211	00000/0000	2-10021/0499	08/02/76	10	7783	37.2	161.0	FGGG		84	11
15440W	5723N	2460-20413	00000/0000	2-10018/0271	04/26/76	90	6416	42.9	148.0	GGGG		76	20
15440W	5720N	2442-20421	00000/0000	2-10017/1035	04/08/76	30	6165	36.6	149.2	GGGF		76	20
15441W	6123N	2480-20512	00000/0000	2-10018/1159	05/16/76	10	6695	45.4	151.5	GGGG		78	17
15441W	5717N	2558-20384	00000/0000	2-10021/0988	08/12/76	60	7922	43.1	144.3	GGGG		76	20
15442W	6114N	2408-20533	00000/0000	2-10016/0802	03/05/76	10	5691	20.4	154.2	GGFF		78	17
15442W	5721N	2586-20381	00000/0000	2-10022/0330	08/30/76	80	8173	37.6	148.0	GGGG		76	20
15443W	6124N	2426-20525	00000/0000	2-10017/0328	03/23/76	80	5942	27.4	154.0	GGGG		78	17
15443W	5718N	2604-20374	00000/0000	2-10022/1125	09/17/76	70	8424	31.5	151.7	GGGG		76	20
15443W	5714N	2478-20411	00000/0000	2-10018/1097	05/14/76	80	6667	47.8	145.9	GGGG		76	20
15444W	6118N	2498-20505	00000/0000	2-10019/0520	06/03/76	90	6946	48.4	149.4	GGGG		78	17
15446W	7154N	2633-21352	00000/0000	2-10023/0942	10/16/76	40	8829	8.8	172.7	GGGG		87	9
15446W	6124N	2606-20475	00000/0000	2-10022/1230	09/19/76	20	8452	27.7	156.1	GGGG		78	17
15446W	6118N	2552-20492	00000/0000	2-10021/0209	07/27/76	60	7699	44.5	147.5	GGGG		78	17
15446W	5713N	2424-20424	00000/0000	2-10017/0388	03/21/76	80	5914	29.7	150.0	FFFF		76	20
15446W	5709N	2496-20404	00000/0000	2-10019/0468	06/01/76	60	6918	50.9	143.4	GGGG		76	20
15447W	7150N	2399-21420	00000/0000	2-10016/0402	02/25/76	0	5566	8.6	167.5	FFFF		87	9
15447W	5709N	2550-20391	00000/0000	2-10021/0157	07/25/76	60	7671	47.5	141.5	GGGG		76	20

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0781

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS						123 45678				
15448N	6115N	2534	20495	00000/0000	2-10020/0703	07/09/76	50	7448	47.8	146.7	GGGG	78	17
15449N	6818N	2467	21181	00000/0000	2-10018/0734	05/03/76	30	6514	36.8	162.8	GF GG	83	12
15449N	6115N	2660	20460	00000/0000	2-10025/0246	11/12/76	90	9205	9.4	161.4	GGGG	78	17
15449N	5706N	2532	20394	00000/0000	2-10020/0611	07/07/76	90	7420	50.6	140.4	GGGG	76	20
15449N	5705N	2514	20401	00000/0000	2-10019/1267	06/19/76	50	7169	51.8	141.1	GGGG	76	20
15450N	7153N	2543	21380	00000/0000	2-10020/1131	07/18/76	10	7574	38.6	166.0	GGGG	87	9
15450N	6920N	2414	21251	00000/0000	2-10016/1043	03/11/76	30	5775	16.5	163.5	GGGG	84	11
15450N	6920N	2504	21224	00000/0000	2-10019/0731	06/09/76	10	7030	42.9	162.5	GGGG	84	11
15450N	6116N	2624	20472	00000/0000	2-10023/0567	10/07/76	60	8703	21.2	158.8	GGGG	78	17
15450N	5709N	2622	20371	00000/0000	2-10023/0469	10/05/76	50	8675	25.2	155.0	GGGG	76	20
15452N	6116N	2642	20464	00000/0000	2-10024/0076	10/25/76	80	8954	14.8	160.7	GGGG	78	17
15452N	5707N	2640	20363	00000/0000	2-10023/1134	10/23/76	90	8926	18.9	157.5	GGGG	76	20
15452N	5707N	2658	20355	00000/0000	2-10025/0082	11/10/76	80	9177	13.3	158.6	GGGG	76	20
15453N	6917N	2630	21190	00000/0000	2-10023/0803	10/13/76	90	8787	12.2	168.3	GGGG	84	11
15453N	6254N	2589	20534	00000/0000	2-10022/0478	09/02/76	20	8215	32.6	154.7	GGGG	79	16
15453N	5704N	2406	20432	00000/0000	00000/0000	03/03/76	100	5663	22.7	150.8	GGG	76	20
15453N	5702N	2370	20441	00000/0000	2-10015/0028	01/27/76	60	5161	11.2	154.0	GGGG	76	20
15453N	5700N	2388	20435	00000/0000	2-10015/0969	02/14/76	40	5412	16.3	152.1	GGGG	76	20
15454N	6920N	2540	21214	00000/0000	2-10020/0877	07/15/76	10	7532	41.1	160.4	GGGG	84	11
15454N	6253N	2445	20573	00000/0000	2-10017/1257	04/11/76	40	6207	33.7	155.3	GGFG	79	16
15455N	6917N	2522	21221	00000/0000	2-10020/0114	06/27/76	90	7281	43.2	161.0	GGGG	84	11
15455N	6107N	2390	20540	00000/0000	2-10015/1008	02/16/76	30	5440	13.9	155.0	FGGP	78	17
15456N	7151N	2507	21390	00000/0000	2-10019/1018	06/12/76	50	7072	41.1	167.8	G	87	9
15456N	6914N	2396	21254	00000/0000	2-10016/0261	02/22/76	20	5524	9.6	163.3	GGGG	84	11
15457N	6815N	2575	21152	00000/0000	2-10022/0189	08/19/76	60	8020	33.2	160.3	GGGG	83	12
15458N	6815N	2593	21145	00000/0000	2-10022/0660	09/06/76	100	8271	27.0	162.5	GGGG	83	12
15500N	6809N	2431	21192	00000/0000	2-10017/0696	03/28/76	10	6012	24.2	162.2	GGGG	83	12
15500N	6809N	2557	21155	00000/0000	2-10021/0436	08/01/76	0	7769	38.5	158.6	GGGG	83	12
15501N	6247N	2607	20531	00000/0000	2-10022/1265	09/20/76	100	8466	26.3	157.7	GGGF	79	16
15502N	6416N	2446	21025	00000/0000	2-10017/1292	04/12/76	80	6221	33.0	157.0	GGGG	80	15
15502N	6414N	2464	21022	00000/0000	2-10018/0378	04/30/76	0	6472	39.1	156.6	GGGG	80	15
15502N	6244N	2427	20581	00000/0000	2-10017/0411	03/24/76	10	5956	26.8	155.4	GGGG	79	16
15502N	5417N	2369	20391	00000/0000	2-10015/0207	01/26/76	90	5147	13.0	152.6	GGGG	75	22
15503N	6658N	2448	21133	00000/0000	2-10017/1331	04/14/76	20	6249	31.6	160.7	GGGG	82	13
15504N	6808N	2445	21175	00000/0000	2-10019/0003	05/21/76	20	6765	41.4	161.7	GGGG	83	12

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01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0782

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RLL MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA HDDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.	
15504N	5416N	2405-20382	00000/0000	2-10016/0692	03/02/76	50	5649	24.4	148.8	GGG	GGGG		75	22
15505N	6809N	2611-21142	00000/0000	2-10022/1418	09/24/76	50	8522	20.4	164.7		GGGG		83	12
15505N	6243N	2553-20544	00000/0000	2-10021/0323	07/28/76	80	7713	43.3	149.6		GGGG		79	16
15505N	6238N	2535-20551	00000/0000	2-10020/0744	07/10/76	60	7462	46.7	148.9		FG G		79	16
15506N	6656N	2466-21130	00000/0000	2-10018/0362	05/02/76	10	6500	37.6	160.6		GGGG		82	13
15506N	6240N	2499-20561	00000/0000	2-10019/0611	06/04/76	50	6960	47.5	151.4		GGGG		79	16
15507N	7054N	2452-21350	00000/0000	2-10017/1502	04/18/76	0	6305	29.8	167.5		FGGG		86	10
15507N	6802N	2503-21172	00000/0000	2-10019/0718	06/08/76	70	7016	43.9	160.1		GGFG		83	12
15507N	6657N	2574-21100	00000/0000	2-10021/1312	08/18/76	50	8006	34.5	158.1		GGGG		82	13
15507N	6538N	2447-21081	00000/0000	2-10017/1319	04/13/76	20	6235	32.3	158.9		GGGG		81	14
15507N	6408N	2482-21015	00000/0000	2-10018/1228	05/18/76	50	6723	43.8	155.4		GGGG		80	15
15508N	6537N	2465-21074	00000/0000	2-10018/0672	05/01/76	0	6486	38.4	158.6		GGGG		81	14
15508N	6238N	2463-20520	00000/0000	2-10024/0004	10/26/76	40	8968	13.4	161.9		FGGG		79	16
15508N	5848N	2461-20465	00000/0000	2-10018/0344	04/27/76	70	6430	42.2	149.7		GGGG		77	19
15509N	6414N	2572-20592	00000/0000	2-10021/1084	08/16/76	100	7978	37.2	153.9		GGGG		80	15
15509N	6238N	2625-20523	00000/0000	2-10023/0632	10/08/76	70	8717	19.7	160.2		GGGG		79	16
15509N	6235N	2517-20554	00000/0000	2-10019/1417	06/22/76	80	7211	48.2	149.5		FGGG		79	16
15511N	7055N	2578-21319	00000/0000	2-10021/1270	08/22/76	40	8062	30.1	165.5		GGGG		86	10
15511N	6656N	2592-21099	00000/0000	2-10022/0512	09/05/76	90	8257	28.4	160.4		GGGG		82	13
15511N	6414N	2590-20590	00000/0000	2-10022/0418	09/03/76	80	8229	31.3	156.5		GGGG		80	15
15511N	6236N	2409-20584	00000/0000	2-10016/0886	03/06/76	100	5705	19.8	155.5		GGGG		79	16
15512N	6649N	2484-21123	00000/0000	2-10018/1317	05/20/76	20	6751	42.2	159.5		GGGG		82	13
15512N	6534N	2573-21044	00000/0000	2-10021/1128	08/17/76	40	7992	35.9	155.9		FGFF		81	14
15512N	5845N	2443-20472	00000/0000	2-10017/1192	04/09/76	90	6179	36.0	150.7		GGGG		77	19
15513N	6652N	2430-21140	00000/0000	2-10017/0500	03/27/76	10	5998	24.8	160.3		GGGG		82	13
15513N	6651N	2610-21090	00000/0000	2-10022/1348	09/23/76	70	8508	21.8	162.8		GGGG		82	13
15513N	6537N	2591-21041	00000/0000	2-10022/0499	09/04/76	40	8243	29.8	158.5		GGGG		81	14
15513N	6529N	2483-21071	00000/0000	2-10018/1305	05/19/76	70	6737	43.0	157.4		GGGG		81	14
15513N	6228N	2391-20591	00000/0000	2-10015/1066	02/17/76	0	5454	13.2	156.0		GGGG		79	16
15513N	5845N	2587-20433	00000/0000	2-10022/0453	08/31/76	70	8187	36.3	149.7		GGGG		77	19
15514N	6407N	2428-21033	00000/0000	2-10017/0425	03/25/76	10	5970	26.2	156.9		GGGG		80	15
15514N	6407N	2608-20583	00000/0000	2-10022/1241	09/21/76	80	8480	24.8	159.3		GGGG		80	15
15514N	5843N	2569-20440	00000/0000	2-10021/0960	08/13/76	90	7936	41.9	146.2		GGGG		77	19
15514N	5839N	2479-20462	00000/0000	2-10018/1121	05/15/76	10	6631	47.1	147.3		GGGG		77	19
15515N	6801N	2629-21134	00000/0000	2-10023/0905	10/12/76	50	8773	13.7	166.4		GGGG		83	12

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0783

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15515N 6756N	2395-21202	00000/0000 2-10016/0163	02/21/76	0	5510	10.3	161.6	GGGG			83	12
15515N 6406N	2554-21000	00000/0000 2-10021/0335	07/29/76	90	7727	42.1	151.8	GGGG			80	15
15516N 6800N	2539-21162	00000/0000 2-10020/0916	07/14/76	60	7518	42.3	157.9	GGGG			83	12
15517N 6756N	2413-21195	00000/0000 2-10016/1005	03/10/76	40	5761	17.2	161.5	GGGG			83	12
15517N 5839N	2405-20430	00000/0000 2-10022/1179	09/18/76	30	8438	30.2	153.2	GGGG			77	19
15518N 6647N	2556-21103	00000/0000 2-10021/0428	07/31/76	10	7755	39.7	156.2	PFF			82	13
15518N 6530N	2429-21084	00000/0000 2-10017/0476	03/26/76	0	5984	25.5	158.6	GGGG			81	14
15518N 5835N	2551-20443	00000/0000 2-10021/0169	07/26/76	90	7685	46.5	143.6	GGGG			77	19
15519N 7050N	2596-21311	00000/0000 2-10022/0737	09/09/76	90	8313	23.8	167.2	GGGG			86	10
15519N 6757N	2521-21165	00000/0000 2-10020/0068	06/26/76	90	7267	44.2	158.5	GGGG			83	12
15519N 5834N	2497-20440	00000/0000 2-10019/0494	06/02/76	80	6932	50.1	145.4	GGGG			77	19
15520N 7047N	2434-21353	00000/0000 2-10017/0756	03/31/76	0	6054	23.2	166.7	GGGG			86	10
15520N 6402N	2626-20575	00000/0000 2-10023/0703	10/09/76	70	8731	18.2	161.6	GGGG			80	15
15520N 5837N	2425-20440	00000/0000 2-10017/0250	03/22/76	90	5928	29.1	151.3	GGGG			77	19
15521N 6526N	2555-21052	00000/0000 2-10021/0347	07/30/76	90	7741	41.0	153.9	GGGG			81	14
15521N 6400N	2500-21013	00000/0000 2-10019/0564	06/05/76	100	6974	46.7	153.4	GGGG			80	15
15521N 6355N	2392-21043	00000/0000 2-10016/0108	02/18/76	0	5468	12.4	157.3	GGGG			80	15
15521N 5830N	2533-20450	00000/0000 2-10020/0651	07/08/76	20	7434	49.6	142.5	GGGG			77	19
15523N 6527N	2609-21034	00000/0000 2-10022/1434	09/22/76	80	8494	23.4	160.9	GGGG			81	14
15523N 6359N	2536-21007	00000/0000 2-10020/0842	07/11/76	20	7476	45.7	151.0	GGGG			80	15
15523N 6359N	2644-20571	00000/0000 2-10024/0101	10/27/76	40	8982	11.9	163.1	GGFG			80	15
15523N 5830N	2659-20411	00000/0000 2-10025/0158	11/11/76	90	9191	11.9	159.5	GGGG			77	19
15524N 6641N	2628-21053	00000/0000 2-10023/0733	10/11/76	40	8759	15.2	164.7	GGGG			82	13
15524N 6640N	2502-21120	00000/0000 2-10019/0882	06/07/76	40	7002	44.9	157.7	GGGG			82	13
15524N 6522N	2537-21055	00000/0000 2-10020/0777	07/12/76	10	7490	44.5	153.3	GGGG			81	14
15524N 6356N	2410-21040	00000/0000 2-10016/0898	03/07/76	70	5719	19.1	156.8	GGGG			80	15
15525N 7045N	2614-21303	00000/0000 2-10023/0140	09/27/76	90	8564	17.0	169.1	GGGG			86	10
15525N 6641N	2538-21110	00000/0000 2-10020/0865	07/13/76	10	7504	43.4	155.5	GGFG			82	13
15525N 6638N	2394-21151	00000/0000 2-10016/0150	02/20/76	0	5496	11.0	160.0	GGGG			82	13
15525N 5831N	2341-20415	00000/0000 2-10023/1278	10/24/76	100	8940	17.4	158.5	GGGG			77	19
15525N 5829N	2623-20423	00000/0000 2-10023/0595	10/06/76	60	8689	23.8	156.3	GGGG			77	19
15525N 5827N	2515-20453	00000/0000 2-10019/1279	06/20/76	60	7183	51.0	143.2	GGGG			77	19
15526N 6516N	2393-21095	00000/0000 2-10016/0139	02/19/76	10	5482	11.7	158.6	GGGG			81	14
15528N 6521N	2501-21065	00000/0000 2-10019/0674	06/06/76	90	6988	45.8	155.5	GGGG			81	14
15528N 6519N	2519-21062	00000/0000 2-10020/0020	06/24/76	90	7239	46.3	153.9	GGGG			81	14

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01:29 APR 28, '77

LANDSAT-2  
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FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0784

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15528.4	5821N	2389-20490	00000/0000	2-10015/0981	02/15/76	80	5426	15.6	153.0	GGGG		77	19
15530.4	6638N	2520-21114	00000/0000	2-10019/1444	06/25/76	70	7253	45.3	156.1	GGGG		82	13
15530.4	6520N	2645-21023	00000/0000	2-10024/0136	10/28/76	80	8996	10.4	164.5	GGGG		81	14
15530.4	5559N	2460-20420	00000/0000	2-10018/0272	04/26/76	80	6416	43.8	146.4	GGGG		76	21
15530.4	5557N	2442-20423	00000/0000	2-10017/1036	04/08/76	20	6165	37.6	147.8	GGGG		76	21
15531.4	7045N	2560-21321	00000/0000	2-10021/0558	08/04/76	90	7811	35.6	163.7	GGGG		84	10
15532.4	5829N	2407-20483	00000/0000	2-10016/0789	03/04/76	10	5677	22.1	151.9	GGGG		77	19
15532.4	5553N	2568-20391	00000/0000	2-10021/0989	08/12/76	20	7922	43.9	142.5	GGFG		76	21
15533.4	6011N	2462-20521	00000/0000	2-10018/0392	04/28/76	20	6444	41.5	151.3	GGGG		78	18
15533.4	5557N	2586-20383	00000/0000	2-10022/0331	08/30/76	60	8173	38.5	146.5	GGGG		76	21
15534.4	5554N	2604-20380	00000/0000	2-10022/1126	09/17/76	90	8424	32.5	150.5	GGGG		76	21
15534.4	5550N	2478-20413	00000/0000	2-10018/1098	05/14/76	60	6667	48.7	144.0	GGGG		76	21
15536.4	7212N	2454-21460	00000/0000	2-10018/0025	04/20/76	10	6333	29.4	170.4	GGGG		88	9
15536.4	6515N	2411-21092	00000/0000	2-10016/0911	03/08/76	80	5733	18.5	158.2	GGGG		81	14
15537.4	5549N	2424-20431	00000/0000	2-10017/0389	03/21/76	40	5914	30.7	148.8	GGFG		76	21
15537.4	5545N	2496-20411	00000/0000	2-10019/0469	06/01/76	90	6918	51.8	141.3	GGGG		76	21
15538.4	7038N	2632-21300	00000/0000	2-10023/0773	10/15/76	40	8815	10.3	170.5	FFGG		86	10
15538.4	6010N	2588-20484	00000/0000	2-10022/0340	09/01/76	90	8201	35.0	151.4	GGGG		78	18
15538.4	6009N	2444-20524	00000/0000	2-10017/1231	04/10/76	90	6193	35.4	152.2	GGGG		78	18
15538.4	5546N	2530-20394	00000/0000	2-10021/0158	07/25/76	60	7671	48.3	139.5	GGGG		76	21
15538.4	5543N	2532-20401	00000/0000	2-10020/0612	07/07/76	80	7420	51.3	138.3	GGGG		76	21
15539.4	7037N	2416-21361	00000/0000	2-10016/1154	03/13/76	10	5803	16.2	165.7	FFG		86	10
15540.4	5541N	2514-20404	00000/0000	2-10019/1268	06/19/76	60	7169	52.6	139.0	GGGG		76	21
15541.4	7035N	2506-21334	00000/0000	2-10019/0818	06/11/76	60	7058	42.1	165.0	FFGG		86	10
15541.4	5545N	2622-20373	00000/0000	2-10023/0470	10/05/76	60	8675	26.3	154.0	GGGG		76	21
15542.4	7033N	2398-21364	00000/0000	2-10016/0369	02/24/76	20	5552	9.3	165.3	FFGG		86	10
15542.4	5544N	2640-20365	00000/0000	2-10023/1135	10/23/76	100	8926	20.0	156.5	GGGG		76	21
15542.4	5544N	2658-20361	00000/0000	2-10025/0083	11/10/76	90	9177	14.5	157.8	GGGG		76	21
15543.4	6001N	2480-20514	00000/0000	2-10018/1160	05/16/76	70	6695	46.4	149.6	GGGG		78	18
15543.4	5536N	2388-20441	00000/0000	2-10015/0958	02/14/76	70	5412	17.3	151.2	G GG		76	21
15544.4	5541N	2406-20434	00000/0000	2-10016/0732	03/03/76	100	5663	23.7	149.7	GGG GGGG		76	21
15545.4	7038N	2542-21324	00000/0000	2-10020/1051	07/17/76	20	7560	39.8	163.1	GGGG		86	10
15545.4	5952N	2408-20535	00000/0000	2-10016/0803	03/05/76	40	5691	21.4	153.0	GGGG		78	18
15546.4	6001N	2426-20532	00000/0000	2-10017/0329	03/23/76	70	5942	28.5	152.6	GGGG		78	18
15547.4	6937N	2469-21291	00000/0000	2-10018/0633	05/05/76	100	6542	36.3	165.1	FFGG		85	11

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0785

FBR 115  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	98SERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
15547	5956N	2498-2051P	00000/0000	2-10019/0521	06/03/76	90	6946	49.3	147.3	GGGG		78	18
15547	5253N	2369-2039P	00000/0000	2-10015/0708	01/26/76	100	5147	14.1	151.8	GGGG		75	23
15548	7207N	2472-2145P	00000/0000	2-10018/0812	05/08/76	0	6584	35.0	170.3	GGGG		88	9
15548	6939N	2451-2129P	00000/0000	2-10017/1482	04/17/76	20	6291	30.5	165.1	GGGG		85	11
15548	5956N	2552-2049P	00000/0000	2-10021/0210	07/27/76	80	7699	45.4	145.6	GGGG		78	18
15548	5251N	2405-2038P	00000/0000	00000/0000	03/02/76	90	5649	25.4	147.8	GGG		75	23
15549	7211N	2580-2142P	00000/0000	2-10021/1376	08/24/76	100	8090	28.3	168.4	GGGG		88	9
15549	7032N	2524-2133P	00000/0000	2-10020/0205	06/29/76	10	7309	42.0	163.5	GGGG		86	10
15549	6001N	2606-2043P	00000/0000	2-10022/1231	09/19/76	50	8452	28.8	154.7	GGGG		78	18
15550	5952N	2534-2050P	00000/0000	2-10020/0704	07/09/76	20	7448	48.6	144.6	GGGG		78	18
15552	5952N	2660-2046P	00000/0000	2-10025/0247	11/12/76	80	9205	10.5	160.4	GGGG		78	18
15552	5949N	2516-2050P	00000/0000	2-10019/1317	06/21/76	30	7197	50.1	145.2	GGGG		78	18
15553	5953N	2624-2047P	00000/0000	2-10023/0568	10/07/76	20	8703	22.3	157.6	GGGG		78	18
15554	7205N	2436-2146P	00000/0000	2-10017/0885	04/02/76	10	6082	22.9	169.3	GGG		88	9
15554	7205N	2598-2142P	00000/0000	2-10022/0873	09/11/76	50	8341	21.9	170.0	GGGG		88	9
15554	6935N	2577-2126P	00000/0000	2-10021/1249	08/21/76	80	8048	31.5	162.8	GGGG		85	11
15554	5953N	2642-2047P	00000/0000	2-10024/0077	10/25/76	90	8954	16.0	159.6	GGGG		78	18
15556	7026N	2488-2134P	00000/0000	2-10019/0666	05/24/76	100	6807	40.0	166.0	GGGG		86	10
15556	5944N	2390-2054P	00000/0000	2-10015/1009	02/16/76	70	5440	14.9	153.9	GGGG		78	18
15558	6935N	2595-2125P	00000/0000	2-10022/0701	09/08/76	90	8299	25.2	164.9	GGGG		85	11
15601	6928N	2559-2126P	00000/0000	2-10021/0540	08/03/76	60	7797	36.9	161.2	GGGG		85	11
15601	6132N	2589-2054P	00000/0000	2-10022/0479	09/07/76	70	8215	33.6	153.1	GGGG		79	17
15602	6930N	2433-2130P	00000/0000	2-10017/0668	03/30/76	0	6040	23.9	164.4	GGGG		85	11
15602	6131N	2445-2053P	00000/0000	2-10017/1258	04/11/76	90	6207	34.7	153.7	GGGG		79	17
15602	5724N	2461-2047P	00000/0000	2-10018/0345	04/27/76	60	6430	43.2	148.0	GGGG		77	20
15603	7201N	2552-2143P	00000/0000	2-10021/0690	08/06/76	50	7839	34.1	166.6	GGGG		88	9
15603	7159N	2616-2141P	00000/0000	2-10023/0296	09/29/76	100	8592	15.1	171.6	GGGG		88	9
15604	7158N	2490-2143P	00000/0000	2-10019/0195	05/26/76	70	6835	39.1	169.3	GGGG		88	9
15606	5722N	2443-2047P	00000/0000	2-10017/1193	04/03/76	60	6179	37.0	149.2	GGGG		77	20
15607	6927N	2613-2125P	00000/0000	2-10023/0058	09/26/76	90	8550	18.5	166.8	GGGG		85	11
15608	5719N	2569-2044P	00000/0000	2-10021/0961	08/13/76	100	7936	42.8	144.5	GGGG		77	20
15608	5716N	2479-2046P	00000/0000	2-10018/1122	05/15/76	20	6681	48.0	145.9	GGGG		77	20
15609	6122N	2427-2053P	00000/0000	2-10017/0412	03/24/76	0	5956	27.9	153.9	GGGG		79	17
15609	5722N	2547-2043P	00000/0000	2-10022/0454	05/31/76	100	8187	37.3	148.2	GGGG		77	20
15610	7156N	2418-2147P	00000/0000	2-10017/0045	03/15/76	10	5831	15.9	168.2	PG G		88	9

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0786

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15610N	6921N	2415-21305	00000/0000	2-10017/0032	03/12/76	10	5789	16.8	163.6	FGGF		85	11
15610N	6124N	2607-20533	00000/0000	2-10022/1266	09/20/76	100	8466	27.3	156.2	GGGF		79	17
15611W	7155N	2544-21434	00000/0000	2-10020/1228	07/19/76	90	7588	38.4	166.0	GGGG		88	9
15611W	6925N	2487-21285	00000/0000	2-10019/0032	05/23/76	30	6793	40.7	164.0	GGGG		85	11
15611W	5715N	2605-20432	00000/0000	2-10022/1180	09/18/76	40	8438	31.2	151.9	GGGG		77	20
15612W	6121N	2553-20551	00000/0000	2-10021/0324	07/28/76	80	7713	44.3	147.7	GGGG		79	17
15612W	6116N	2535-20554	00000/0000	2-10020/0745	07/10/76	40	7462	47.6	146.8	FFFF		79	17
15612W	5712N	2551-20450	00000/0000	2-10021/0170	07/26/76	90	7685	47.3	141.6	GGGG		77	20
15613N	5714N	2425-20482	00000/0000	2-10017/0251	03/22/76	50	5928	30.1	150.0	GGGG		77	20
15613N	5711N	2497-20462	00000/0000	2-10019/0495	06/02/76	90	6932	51.0	143.3	GGGG		77	20
15614N	7152N	2508-21444	00000/0000	2-10019/1042	06/13/76	20	7086	41.1	167.8	GGGG		88	9
15614N	6817N	2458-21240	00000/0000	2-10018/0746	05/04/76	20	6528	37.1	162.7	GGGG		84	12
15614N	6118N	2499-20563	00000/0000	2-10019/0612	06/04/76	80	6960	48.5	149.3	GFGG		79	17
15615N	6916N	2397-21312	00000/0000	2-10016/0246	02/23/76	30	5538	10.0	163.3	GGGG		85	11
15615N	5708N	2533-20453	00000/0000	2-10020/0652	07/08/76	30	7434	50.4	140.4	GGGG		77	20
15616N	5254N	2446-21032	00000/0000	2-10017/1293	04/12/76	70	6221	34.1	155.3	FGGG		80	16
15616N	6116N	2625-20530	00000/0000	2-10023/0633	10/08/76	60	8717	20.8	158.9	GGGG		79	17
15616N	6116N	2643-20522	00000/0000	2-10024/0035	10/26/76	50	8968	14.5	160.8	GGGF		79	17
15616N	6113N	2517-20541	00000/0000	2-10019/1418	06/22/76	60	7211	49.2	147.3	GGFG		79	17
15617N	6920N	2631-21244	00000/0000	2-10023/0763	10/14/76	80	8801	11.8	168.4	GGGG		85	11
15617N	6818N	2450-21243	00000/0000	2-10017/1575	04/16/76	10	6277	31.3	162.8	GGGG		84	12
15617N	6252N	2464-21025	00000/0000	2-10018/0379	04/30/76	0	6472	40.2	154.7	GGGG		80	16
15617N	5706N	2659-20413	00000/0000	2-10025/0159	11/11/76	90	9191	13.1	158.6	GGGG		77	20
15618N	6114N	2409-20591	00000/0000	2-10016/0887	03/06/76	90	5705	20.8	154.2	GGGG		79	17
15618N	5704N	2515-20460	00000/0000	2-10019/1280	06/20/76	60	7183	51.8	141.0	GGGG		77	20
15619N	7151N	2634-21410	00000/0000	2-10023/1079	10/17/76	70	8843	8.5	172.7	GGGG		88	9
15619N	5708N	2441-20421	00000/0000	2-10023/1279	10/24/76	90	8940	18.6	157.6	FGGG		77	20
15619N	5706N	2623-20425	00000/0000	2-10023/0596	10/06/76	50	8689	24.9	155.2	GGGG		77	20
15620N	7148N	2400-21474	00000/0000	2-10016/0450	02/26/76	50	5580	9.0	167.5	GGGG		88	9
15620N	6919N	2541-21270	00000/0000	2-10020/0998	07/16/76	10	7546	41.0	160.4	FGGG		85	11
15620N	6817N	2594-21203	00000/0000	2-10022/0688	09/07/76	90	8285	26.6	162.7	GGGG		84	12
15620N	6106N	2391-20594	00000/0000	2-10015/1067	02/17/76	10	5454	14.2	154.9	GGGG		79	17
15621N	6916N	2523-21275	00000/0000	2-10020/0148	06/28/76	30	7295	43.1	160.9	GGGG		85	11
15621N	5659N	2389-20493	00000/0000	2-10015/0982	02/15/76	90	5426	16.6	152.0	GGGG		77	20
15622N	7151N	2526-21441	00000/0000	2-10020/0353	07/01/76	90	7337	40.8	166.5	GGGG		88	9

KEYS: CLOUD COVER % ..... J TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... B LANKS=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0787

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBLI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15623W	6814N	2576-21210	00000/0000	2-10021/1360	08/20/76	10	8034	32.9	160.4	GGFG		84	12
15623W	6252N	2572-20595	00000/0000	2-10021/1035	08/16/76	80	7978	38.1	152.0	GGGG		80	16
15624W	6253N	2590-20592	00000/0000	2-10022/0419	09/03/76	70	8229	32.3	154.9	GGGG		80	16
15626W	5706N	2407-20490	00000/0000	2-10016/0790	03/04/76	10	5677	23.1	150.8	GGGF		77	20
15627W	5811N	2432-21250	00000/0000	2-10017/0654	03/29/76	0	6026	24.6	162.3	GGGG		84	12
15627W	6810N	2612-21200	00000/0000	2-10022/1456	09/25/76	90	8536	20.0	164.8	GGGG		84	12
15628W	6658N	2467-21184	00000/0000	2-10018/0735	05/03/76	50	6514	37.9	160.6	GGGG		83	13
15628W	6246N	2608-20585	00000/0000	2-10022/1242	09/21/76	70	8480	25.9	157.8	GGGG		80	16
15628W	6245N	2428-21036	00000/0000	2-10017/0426	03/25/76	0	5970	27.2	155.4	GGGG		80	16
15629W	6808N	2558-21213	00000/0000	2-10021/0500	08/02/76	40	7783	38.2	158.6	GGGG		84	12
15629W	6245N	2554-21002	00000/0000	2-10021/0336	07/29/76	100	7727	43.1	149.8	GGGG		80	16
15630W	6416N	2465-21080	00000/0000	2-10018/0673	05/01/76	0	6486	39.4	156.6	GGGG		81	15
15631W	6656N	2449-21191	00000/0000	2-10017/1437	04/15/76	20	6263	32.0	160.7	FGGG		83	13
15632W	6413N	2573-21051	00000/0000	2-10021/1129	08/17/76	60	7992	36.9	154.0	FFFF		81	15
15632W	5848N	2452-20523	00000/0000	2-10018/0393	04/28/76	40	6444	42.5	149.6	GGGG		78	19
15633W	6538N	2448-21135	00000/0000	2-10017/1332	04/14/76	20	6249	32.7	158.8	GGGG		82	14
15634W	5408N	2483-21074	00000/0000	2-10018/1306	05/19/76	40	6737	44.0	155.3	GGGG		81	15
15634W	6240N	2626-20582	00000/0000	2-10023/0704	10/09/76	60	8731	19.3	160.3	GGGG		80	16
15634W	6238N	2500-21015	00000/0000	2-10019/0565	06/05/76	100	6974	47.6	151.2	GGGG		80	16
15634W	6233N	2392-21050	00000/0000	2-10016/0109	02/18/76	0	5468	13.5	156.1	GGGG		80	16
15635W	7056N	2453-21404	00000/0000	2-10017/1603	04/19/76	10	6319	30.1	167.6	FFGF		87	10
15635W	6656N	2675-21154	00000/0000	2-10022/0190	08/19/76	10	8020	34.2	158.2	GFFG		83	13
15635W	6416N	2591-21044	00000/0000	2-10022/0500	09/04/76	60	8243	30.9	156.7	GGGG		81	15
15636W	6536N	2466-21132	00000/0000	2-10018/0363	05/02/76	10	6500	38.7	158.5	GGGG		82	14
15636W	6238N	2536-21005	00000/0000	2-10020/0843	07/11/76	40	7476	46.6	148.8	GGGG		80	16
15636W	6237N	2644-20574	00000/0000	2-10024/0102	10/27/76	30	8982	13.0	161.9	GGGF		80	16
15636W	5846N	2444-20531	00000/0000	2-10017/1232	04/10/76	80	6193	36.4	150.7	GGGG		78	19
15637W	6655N	2593-21151	00000/0000	2-10022/0661	09/06/76	90	8271	28.1	160.5	FGFG		83	13
15637W	6235N	2410-21043	00000/0000	2-10016/0899	03/07/76	80	5719	20.2	155.4	GGGG		80	16
15637W	5847N	2588-20491	00000/0000	2-10022/0341	09/01/76	90	8201	36.0	149.9	GGGG		78	19
15638W	6802N	2414-21253	00000/0000	2-10016/1044	03/11/76	90	5775	17.5	161.6	GGGG		84	12
15638W	6650N	2431-21194	00000/0000	2-10017/0697	03/28/76	0	6012	25.3	160.3	GGGG		83	13
15638W	6536N	2574-21102	00000/0000	2-10021/1313	08/18/76	40	8006	35.5	156.1	GGGG		82	14
15638W	6409N	2429-21091	00000/0000	2-10017/0477	03/26/76	0	5984	26.6	156.9	GGGG		81	15
15639W	6801N	2504-21230	00000/0000	2-10019/0732	06/09/76	10	7030	44.0	160.0	GGGG		84	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0788

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15639W	6650N	2557-21161	00000/0000	2-10021/0487	08/01/76	0	7769	39.4	156.3	GGFG		83	13
15641W	6536N	2592-21100	00000/0000	2-10022/0513	09/05/76	90	8257	29.5	158.6	GGGG		82	14
15641W	6528N	2484-21125	00000/0000	2-10018/1318	05/20/76	10	6751	43.2	157.3	GGGG		82	14
15641W	6405N	2555-21054	00000/0000	2-10021/0348	07/30/76	90	7741	41.9	151.8	GGGG		81	15
15642W	6801N	2540-21220	00000/0000	2-10020/0878	07/15/76	30	7532	42.1	157.9	GGGG		84	12
15642W	6758N	2630-21193	00000/0000	2-10023/0804	10/13/76	90	8787	13.4	166.5	FGGG		84	12
15642W	6531N	2430-21142	00000/0000	2-10017/0501	03/27/76	10	5998	25.9	158.6	GGGG		82	14
15642W	5838N	2480-20521	00000/0000	2-10018/1161	05/16/76	100	6695	47.3	147.6	GGGG		78	19
15643W	6758N	2522-21224	00000/0000	2-10020/0115	06/27/76	90	7281	44.2	158.4	GGGF		84	12
15643W	6530N	2610-21092	00000/0000	2-10022/1349	09/23/76	20	8508	22.9	161.2	GGGG		82	14
15643W	6406N	2609-21041	00000/0000	2-10022/1435	09/22/76	100	8494	24.5	159.4	GGGF		81	15
15643W	5829N	2408-20542	00000/0000	2-10016/0804	03/05/76	100	5691	22.5	151.3	GGGG		78	19
15644W	6755N	2396-21261	00000/0000	2-10016/0262	02/22/76	10	5524	10.7	161.5	GGGG		84	12
15644W	6649N	2611-21144	00000/0000	2-10022/1419	09/24/76	10	8522	21.5	162.9	GGGG		83	13
15644W	6401N	2537-21061	00000/0000	2-10020/0778	07/12/76	20	7490	45.5	151.1	GGGG		81	15
15644W	5838N	2426-20534	00000/0000	2-10017/0330	03/23/76	50	5942	29.5	151.3	GGGG		78	19
15645W	6443N	2503-21175	00000/0000	2-10019/0719	06/08/76	70	7016	44.9	157.7	GGGG		83	13
15645W	6355N	2393-21101	00000/0000	2-10016/0140	02/19/76	0	5482	12.8	157.2	FGFG		81	15
15645W	5833N	2498-20514	00000/0000	2-10019/0522	06/03/76	80	6946	50.2	145.2	GGGG		78	19
15646W	5834N	2552-20501	00000/0000	2-10021/0211	07/27/76	90	7699	46.3	143.6	GGGG		78	19
15647W	7049N	2471-21401	00000/0000	2-10018/0697	05/07/76	70	6570	35.8	167.5	GGGG		87	10
15647W	6528N	2556-21110	00000/0000	2-10021/0429	07/31/76	30	7755	40.7	154.0	FFFF		82	14
15647W	6358N	2519-21064	00000/0000	2-10020/0021	06/24/76	80	7239	47.2	151.6	GGGG		81	15
15647W	5838N	2606-20484	00000/0000	2-10022/1232	09/19/76	70	8452	29.8	153.4	GGGG		78	19
15647W	5829N	2534-20504	00000/0000	2-10020/0705	07/09/76	20	7448	49.5	142.5	GGGG		78	19
15648W	6400N	2501-21071	00000/0000	2-10019/0675	06/06/76	90	6988	46.8	153.3	GGGG		81	15
15648W	5829N	2372-20551	00000/0000	2-10015/0263	01/29/76	100	5189	10.5	154.7	PGFF		78	19
15650W	6359N	2645-21025	00000/0000	2-10024/0137	10/28/76	60	8996	11.6	163.2	GGGG		81	15
15650W	5830N	2624-20481	00000/0000	2-10023/0569	10/07/76	20	8703	23.4	156.4	GGGG		78	19
15650W	5829N	2660-20465	00000/0000	2-10025/0248	11/12/76	80	9205	11.6	159.5	GGGG		78	19
15650W	5826N	2516-20512	00000/0000	2-10019/1318	06/21/76	80	7197	50.5	143.1	GGGG		78	19
15651W	7047N	2435-21412	00000/0000	2-10017/0771	04/01/76	30	6068	23.6	166.7	GGGG		87	10
15651W	6520N	2646-21081	00000/0000	2-10024/0109	10/29/76	70	9010	10.1	164.5	FFFF		82	14
15652W	7046N	2561-21375	00000/0000	2-10021/0607	08/05/76	100	7825	35.4	163.9	GGGG		87	10
15652W	6637N	2395-21205	00000/0000	2-10016/0164	02/21/76	0	5510	11.4	160.0	GGGG		83	13

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0789

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
15652N	6520N	2502-21123	00000/0000	2-10019/0883	06/07/76	70	7002	45.9	155.4	GGGG	82	14
15652N	6520N	2628-21085	00000/0000	2-10023/0734	10/11/76	60	8759	16.4	163.2	GGGG	82	14
15652N	5830N	2642-20473	00000/0000	2-10024/0078	10/25/76	90	8954	17.1	158.6	GGGG	78	19
15653N	6642N	2629-21141	00000/0000	2-10023/0906	10/12/76	90	8773	14.9	164.8	GGGG	83	13
15653N	6640N	2539-21165	00000/0000	2-10020/0917	07/14/76	60	7518	43.3	155.5	GGGG	83	13
15653N	6637N	2413-21202	00000/0000	2-10016/1006	03/10/76	10	5761	18.2	159.8	GGGG	83	13
15653N	6521N	2538-21113	00000/0000	2-10020/1166	07/13/76	10	7504	44.4	153.2	GGGG	82	14
15653N	6518N	2394-21153	00000/0000	2-10016/1151	02/20/76	0	5496	12.1	158.6	GGGG	82	14
15653N	6518N	2412-21150	00000/0000	2-10016/1170	03/09/76	40	5747	18.9	158.2	GGGG	82	14
15653N	5821N	2390-20545	00000/0000	2-10015/1010	02/16/76	80	5440	16.0	152.9	GGGG	78	19
15653N	5601N	2461-20474	00000/0000	2-10018/0346	04/27/76	40	6430	44.1	146.3	GGGG	77	21
15654N	7042N	2489-21395	00000/0000	2-10019/0114	05/25/76	100	6821	40.0	166.6	GGGG	87	10
15655N	6637N	2521-21172	00000/0000	2-10020/0069	06/26/76	90	7267	45.2	156.0	GGG	83	13
15655N	6354N	2411-21074	00000/0000	2-10016/0912	03/08/76	30	5733	19.5	156.8	GGGG	81	15
15656N	5558N	2443-20481	00000/0000	2-10017/1194	04/09/76	70	6179	38.0	147.8	GGGG	77	21
15657N	7043N	2615-21362	00000/0000	2-10023/0282	09/28/76	90	8578	16.6	169.1	GGGG	87	10
15657N	7038N	2417-21415	00000/0000	2-10016/1091	03/14/76	10	5817	16.6	165.8	GGGG	87	10
15657N	6518N	2520-21120	00000/0000	2-10019/1445	06/25/76	40	7253	46.2	153.8	GGGG	82	14
15658N	5553N	2479-20471	00000/0000	2-10018/1123	05/15/76	80	6681	48.9	144.0	GGGG	77	21
15659N	5555N	2569-20445	00000/0000	2-10021/0962	08/13/76	100	7936	43.7	142.8	GGGG	77	21
15700N	5558N	2587-20442	00000/0000	2-10022/0455	08/31/76	100	8187	38.2	146.7	GGGG	77	21
15702N	5552N	2605-20435	00000/0000	2-10022/1181	09/18/76	30	8438	32.2	150.7	GGGG	77	21
15703N	7034N	2399-21422	00000/0000	2-10016/0403	02/25/76	0	5566	9.6	165.3	FFFF	87	10
15703N	5550N	2425-20485	00000/0000	2-10017/0252	03/22/76	50	5928	31.1	148.7	GG F	77	21
15703N	5548N	2551-20452	00000/0000	2-10021/0171	07/26/76	90	7685	48.1	139.7	GGGG	77	21
15703N	5547N	2497-20465	00000/0000	2-10019/0496	06/02/76	90	6932	51.8	141.2	GGGG	77	21
15704N	7038N	2633-21354	00000/0000	2-10023/0943	10/16/76	50	8829	9.9	170.5	GGGG	87	10
15704N	5008N	2539-20543	00000/0000	2-10022/0480	09/02/76	100	8215	34.7	151.6	GGGG	79	18
15705N	5008N	2445-20532	00000/0000	2-10017/1259	04/11/76	70	6207	35.8	152.1	GGGG	79	18
15705N	5544N	2533-20455	00000/0000	2-10020/0653	07/08/76	10	7434	51.2	138.3	GGGG	77	21
15706N	7037N	2543-21382	00000/0000	2-10020/1132	07/18/76	20	7574	39.6	163.1	GGGG	87	10
15707N	7037N	2525-21385	00000/0000	2-10020/0317	06/30/76	90	7323	41.9	163.6	FGGG	87	10
15707N	5543N	2659-20420	00000/0000	2-10025/0160	11/11/76	90	9191	14.2	157.8	GGGG	77	21
15708N	5547N	2677-20411	00000/0000	2-10025/0772	11/29/76	100	9442	10.0	157.5	FFFF	77	21
15708N	5540N	2515-20462	00000/0000	2-10019/1281	06/20/76	100	7183	52.6	138.9	GGGG	77	21

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0790

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RSLI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
15709W	5544N	2641-20424	00000/0000	2-10023/1280	10/24/76	90	8940	19.7	156.6	GGGG		77	21
15709W	5543N	2623-20432	00000/0000	2-10023/0597	10/06/76	10	8689	25.9	154.1	GGGG		77	21
15711W	5959N	2427-20590	00000/0000	2-10017/0413	03/24/76	10	5956	28.9	152.5	GGGG		79	18
15711W	5536N	2389-20495	00000/0000	2-10015/0983	02/15/76	100	5426	17.7	151.1	GGGG		77	21
15712W	7034N	2507-21332	00000/0000	2-10019/1019	06/12/76	60	7072	42.1	164.9	GGGG		87	10
15712W	6937N	2452-21353	00000/0000	2-10017/1503	04/18/76	80	6305	30.9	165.1	GGGG		86	11
15713W	7208N	2455-21514	00000/0000	2-10018/0218	04/21/76	60	6347	29.8	170.2	GGGG		89	9
15713W	6302N	2607-20540	00000/0000	2-10022/1267	09/20/76	100	8466	28.4	154.9	GGGF		79	18
15714W	5954N	2535-20560	00000/0000	2-10020/0746	07/10/76	20	7462	48.5	144.7	FGGG		79	18
15715W	5959N	2553-20553	00000/0000	2-10021/0325	07/28/76	70	7713	45.1	145.7	GGGG		79	18
15716W	6937N	2578-21320	00000/0000	2-10021/1271	08/22/76	30	8062	31.1	163.0	FGGG		86	11
15716W	5955N	2499-20570	00000/0000	2-10019/0613	06/04/76	90	6960	49.4	147.2	FGGG		79	18
15716W	5543N	2407-20492	00000/0000	2-10016/0791	03/04/76	10	5677	24.1	149.7	GGGG		77	21
15718W	5954N	2643-20525	00000/0000	2-10024/0006	10/26/76	40	8968	15.6	159.7	GGGG		79	18
15718W	5951N	2517-20563	00000/0000	2-10019/1419	06/22/76	60	7211	50.0	145.2	GGGG		79	18
15719W	5954N	2625-20532	00000/0000	2-10023/0634	10/08/76	20	8717	21.9	157.7	FGGG		79	18
15719W	5951N	2661-20520	00000/0000	2-10025/0281	11/13/76	90	9219	10.2	160.4	FGGG		79	18
15720W	5951N	2409-20533	00000/0000	2-10016/0888	03/06/76	90	5705	21.8	153.0	GGGG		79	18
15721W	6934N	2470-21350	00000/0000	2-10018/0683	05/06/76	90	6556	36.6	165.0	GGGG		86	11
15722W	5944N	2391-21000	00000/0000	2-10015/1058	02/17/76	40	5454	15.3	153.8	GGGG		79	18
15723W	6932N	2596-21313	00000/0000	2-10022/0738	09/09/76	90	8313	24.9	165.0	GGGG		86	11
15725W	7202N	2539-21475	00000/0000	2-10022/0901	09/12/76	90	8355	21.6	170.0	GGGG		89	9
15725W	6929N	2434-21360	00000/0000	2-10017/0757	03/31/76	0	6054	24.3	164.4	GGGG		86	11
15725W	6132N	2446-21034	00000/0000	2-10017/1294	04/12/76	70	6221	35.1	153.7	GGGG		80	17
15725W	6130N	2464-21031	00000/0000	2-10018/0380	04/30/76	0	6472	41.2	152.9	GGGG		80	17
15727W	5724N	2462-20530	00000/0000	2-10018/0394	04/28/76	50	6444	43.5	147.9	GGGG		78	20
15728W	6928N	2614-21310	00000/0000	2-10023/0141	09/27/76	90	8564	18.1	167.0	GGFG		86	11
15729W	6125N	2432-21024	00000/0000	2-10018/1229	05/18/76	90	6723	45.8	151.3	GGGG		80	17
15729W	5723N	2444-20533	00000/0000	2-10017/1233	04/10/76	10	6193	37.3	149.2	GGGG		78	20
15730W	7157N	2419-21525	00000/0000	2-10017/0082	03/16/76	20	5845	16.3	168.3	GGG		89	9
15731W	7159N	2617-21472	00000/0000	2-10023/0246	09/30/76	40	8606	14.7	171.7	GGGG		89	9
15732W	7157N	2491-21505	00000/0000	2-10019/0589	05/27/76	100	6849	39.2	169.2	GGGG		89	9
15732W	6130N	2572-21001	00000/0000	2-10021/1086	08/16/76	80	7978	39.1	150.3	GGGG		80	17
15732W	6130N	2590-20595	00000/0000	2-10022/0420	09/03/76	60	8229	33.3	153.3	GGGG		80	17
15732W	5724N	2588-20493	00000/0000	2-10022/0342	09/01/76	100	8201	36.9	148.4	GGGG		78	20

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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0791

PRINCIPAL POINT OF IMAGE LONG LAT	SUBSATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	SUN ORBIT NUMBER	SUN ELEV. AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SUN ORBIT PATH NUM.	FRAME ROW NUM.
15733N	7202N	2563-21485	00000/0000	2-10021/0715	08/07/76	90	7853	33.8	166.7	GGGG	89	9
15733N	6928N	2560-21323	00000/0000	2-10021/0559	08/04/76	80	7811	36.7	161.2	GGGG	86	11
15736N	6123N	2428-21042	00000/0000	2-10017/0427	03/25/76	0	5970	28.2	153.9	GGGG	80	17
15736N	6123N	2608-20592	00000/0000	2-10022/1243	09/21/76	80	8480	27.0	156.4	GGGG	80	17
15736N	5715N	2480-20523	00000/0000	2-10018/1162	05/16/76	90	6695	48.3	145.7	GGGG	78	20
15737N	5706N	2408-20544	00000/0000	2-10016/0805	03/05/76	90	5691	23.5	150.7	GGGG	78	20
15738N	6819N	2469-21294	00000/0000	2-10018/0634	05/05/76	90	6542	37.4	162.8	FGGG	85	12
15738N	6123N	2554-21005	00000/0000	2-10021/0337	07/29/76	100	7727	44.0	147.8	GGGG	80	17
15738N	5715N	2426-20541	00000/0000	2-10017/0331	03/23/76	20	5942	30.5	150.0	GGGG	78	20
15739N	5710N	2498-20521	00000/0000	2-10019/0523	06/03/76	30	6946	51.1	143.1	GGGG	78	20
15740N	6920N	2416-21363	00000/0000	2-10016/1155	03/13/76	10	5803	17.3	163.6	FGG	86	11
15740N	6920N	2632-21302	00000/0000	2-10023/0779	10/15/76	60	8815	11.5	168.5	FGGG	86	11
15740N	6820N	2451-21301	00000/0000	2-10017/1483	04/17/76	0	6291	31.6	162.9	FGGG	85	12
15740N	5711N	2552-20504	00000/0000	2-10021/0212	07/27/76	100	7699	47.1	141.7	GGGG	78	20
15741N	7153N	2527-21495	00000/0000	2-10020/0416	07/02/76	90	7351	40.7	166.5	GGGG	89	9
15741N	6117N	2626-20584	00000/0000	2-10023/0705	10/09/76	60	8731	20.4	159.1	GGGG	80	17
15741N	6116N	2500-21022	00000/0000	2-10019/0566	06/05/76	100	6974	48.6	149.1	FGGG	80	17
15741N	6111N	2392-21052	00000/0000	2-10016/0110	02/18/76	60	5468	14.5	154.9	GGGG	80	17
15741N	5706N	2534-20511	00000/0000	2-10020/0706	07/09/76	10	7448	50.3	140.4	GGGG	78	20
15741N	5437N	2461-20461	00000/0000	2-10018/0347	04/27/76	40	6430	45.0	144.6	GGGG	77	22
15742N	6115N	2536-21012	00000/0000	2-10020/0844	07/11/76	90	7476	47.5	145.7	GGGG	80	17
15742N	5714N	2606-20491	00000/0000	2-10022/1233	09/19/76	70	8452	30.9	152.1	GGGG	78	20
15742N	5706N	2372-20553	00000/0000	2-10015/0264	01/29/76	100	5189	11.6	153.8	FGFG	78	20
15743N	6918N	2506-21340	00000/0000	2-10019/0819	06/11/76	10	7058	43.1	162.3	GGGG	86	11
15743N	6256N	2447-21090	00000/0000	2-10017/1320	04/13/76	0	6235	34.4	155.4	GGGG	81	16
15744N	6915N	2398-21371	00000/0000	2-10016/0370	02/24/76	20	5552	10.4	163.3	GGGG	86	11
15744N	6816N	2577-21264	00000/0000	2-10021/1250	08/21/76	70	8048	32.5	160.6	FGGG	85	12
15744N	6115N	2644-20530	00000/0000	2-10024/0103	10/27/76	10	8982	14.2	160.8	GGFF	80	17
15744N	6112N	2410-21045	00000/0000	2-10016/0900	03/07/76	80	5719	21.2	154.1	GGGG	80	17
15744N	5707N	2624-20483	00000/0000	2-10023/0570	10/07/76	40	8703	24.5	155.3	GG G	78	20
15744N	5707N	2660-20471	00000/0000	2-10025/0249	11/12/76	80	9205	12.8	158.6	GGGG	78	20
15744N	5703N	2516-20514	00000/0000	2-10019/1319	06/21/76	90	7197	51.8	140.9	GGGG	78	20
15744N	5434N	2443-20454	00000/0000	2-10017/1195	04/09/76	80	6179	38.9	146.3	GGGG	77	22
15745N	6921N	2542-21330	00000/0000	2-10020/1052	07/17/76	10	7560	40.8	160.5	GGGG	86	11
15745N	6254N	2465-21083	00000/0000	2-10018/0674	05/01/76	0	6486	40.4	154.7	FGGG	81	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR IIS  
FROM 01/22/76 TO 01/22/77

PAGE 0792

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15745W 5707N	2642-20475	00000/0000	2-10024/0079	10/25/76	90	8954	18.2	157.7	GGGG			78	20
15745W 5429N	2479-20474	00000/0000	2-10018/1124	05/15/76	90	6681	49.8	142.0	GGGG			77	22
15746W 6251N	2573-21057	00000/0000	2-10021/1130	08/17/76	90	7992	37.9	152.2	FFFF			81	16
15746W 5658N	2390-20551	00000/0000	2-10015/1011	02/16/76	70	5440	17.0	151.9	GGGG			78	20
15747W 7150N	2509-21507	00000/0000	2-10019/0984	06/14/76	90	7100	41.2	167.7	GFGG			89	9
15747W 7150N	2635-21464	00000/0000	2-10023/1095	10/18/76	20	8857	8.1	172.7	GFGG			89	9
15747W 6246N	2483-21080	00000/0000	2-10018/1307	05/19/76	50	6737	45.1	153.2	GGGG			81	16
15747W 5431N	2569-20451	00000/0000	2-10021/0963	08/13/76	100	7936	44.5	141.1	GGGG			77	22
15748W 7147N	2401-21532	00000/0000	2-10016/0511	02/27/76	50	5594	9.4	167.4	FGGG			89	9
15748W 6816N	2595-21261	00000/0000	2-10022/0702	09/08/76	90	8299	26.3	162.8	GGGG			85	12
15749W 7152N	2545-21492	00000/0000	2-10020/1254	07/20/76	80	7602	38.2	165.9	GGGG			89	9
15749W 5433N	2587-20444	00000/0000	2-10022/0456	08/31/76	100	8187	39.2	145.2	GGGG			77	22
15750W 6915N	2524-21334	00000/0000	2-10020/0206	06/29/76	10	7309	43.1	160.8	FGGG			86	11
15750W 6254N	2591-21050	00000/0000	2-10022/0501	09/04/76	50	8243	31.9	155.1	GGGG			81	16
15750W 5428N	2605-20441	00000/0000	2-10022/1182	09/18/76	60	8438	33.2	149.4	GGGG			77	22
15750W 5427N	2425-20491	00000/0000	2-10017/0253	03/22/76	70	5928	32.1	147.5	GFGG			77	22
15751W 6810N	2559-21271	00000/0000	2-10021/0541	08/03/76	70	7797	37.9	158.7	GGGG			85	12
15751W 5423N	2497-20471	00000/0000	2-10019/0497	06/02/76	90	6932	52.6	139.1	GGGG			77	22
15752W 6812N	2433-21304	00000/0000	2-10017/0669	03/30/76	0	6040	24.9	162.3	GFGG			85	12
15752W 6248N	2429-21093	00000/0000	2-10017/0478	03/26/76	10	5984	27.6	155.4	GGGG			81	16
15752W 5424N	2551-20455	00000/0000	2-10021/0172	07/26/76	90	7685	48.9	137.7	GGGG			77	22
15753W 5421N	2533-20462	00000/0000	2-10020/0654	07/08/76	60	7434	52.0	136.2	GGGG			77	22
15754W 6657N	2468-21242	00000/0000	2-10018/0747	05/04/76	20	6528	38.2	160.5	GGGG			84	13
15754W 6417N	2448-21142	00000/0000	2-10017/1333	04/14/76	10	6249	33.8	157.0	GGGG			82	15
15755W 6908N	2488-21344	00000/0000	2-10019/0067	05/24/76	90	6807	41.1	163.4	GGGG			86	11
15755W 6243N	2555-21061	00000/0000	2-10021/0349	07/30/76	100	7741	42.9	149.8	GGGG			81	16
15755W 5422N	2677-20414	00000/0000	2-10025/0773	11/29/76	100	9442	11.1	156.8	GFGG			77	22
15755W 5419N	2659-20422	00000/0000	2-10025/0161	11/11/76	90	9191	15.3	157.0	GGGG			77	22
15756W 6244N	2609-21043	00000/0000	2-10022/1436	09/22/76	90	8494	25.6	157.9	FGGG			81	16
15756W 5416N	2515-20465	00000/0000	2-10019/1282	06/20/76	90	7183	53.4	136.7	GGGG			77	22
15757W 6659N	2450-21245	00000/0000	2-10017/1576	04/16/76	0	6277	32.4	160.8	GGGG			84	13
15757W 6415N	2466-21135	00000/0000	2-10018/0364	05/02/76	20	6500	39.7	156.5	GFGG			82	15
15757W 6240N	2537-21064	00000/0000	2-10020/0779	07/12/76	50	7490	46.4	148.9	GGGG			81	16
15757W 5420N	2641-20430	00000/0000	2-10023/1281	10/24/76	100	8940	20.8	155.7	FGGG			77	22
15757W 5419N	2623-20434	00000/0000	2-10023/0598	10/06/76	30	8689	27.0	153.0	GGGG			77	22

KEYS: CLOUD COVER 4 ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS-BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0793

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15758N	7056N	2454-2146P	00000/0000	2-10018/0026	04/20/76	20	6333	30.5	167.7	FGGG		88	10
15758N	6808N	2613-21254	00000/0000	2-10023/0059	09/26/76	70	8550	19.6	164.9	GGGG		85	12
15758N	5412N	2389-2050P	00000/0000	2-10015/0984	02/15/76	90	5426	18.7	150.2	GGGG		77	22
15759N	6803N	2415-2131P	00000/0000	2-10017/0033	03/12/76	70	5789	17.9	161.7	FFGG		85	12
15759N	6538N	2467-21190	00000/0000	2-10018/0736	05/03/76	40	6514	38.9	158.5	GGGG		83	14
15759N	6233N	2393-21104	00000/0000	2-10016/0141	02/19/76	10	5482	13.8	156.0	GGGG		81	16
15800N	6806N	2487-21291	00000/0000	2-10019/0033	05/23/76	10	6793	41.8	161.5	GFGG		85	12
15800N	6658N	2594-21210	00000/0000	2-10027/0689	09/07/76	70	8285	27.7	160.7	GGGG		84	13
15800N	6536N	2449-21133	00000/0000	2-10017/1438	04/15/76	20	6263	33.1	158.8	GGFG		83	14
15800N	6415N	2574-21105	00000/0000	2-10021/1314	08/18/76	70	8006	36.5	154.2	GFGG		82	15
15800N	6238N	2501-21074	00000/0000	2-10019/0676	06/06/76	90	6988	47.7	151.1	GGGG		81	16
15800N	6236N	2519-21071	00000/0000	2-10020/0022	06/24/76	90	7239	48.2	149.4	GGGG		81	16
15802N	6654N	2576-21213	00000/0000	2-10021/1361	08/20/76	10	8034	33.9	158.3	GGGG		84	13
15802N	6414N	2592-21102	00000/0000	2-10022/0514	09/05/76	90	8257	30.6	156.9	GGGG		82	15
15802N	6406N	2484-21132	00000/0000	2-10018/1319	05/20/76	10	6751	44.3	155.2	GGGG		82	15
15803N	6758N	2397-21315	00000/0000	2-10016/0247	02/23/76	30	5538	11.0	161.6	GGGG		85	12
15803N	6411N	2430-21145	00000/0000	2-10017/0502	03/27/76	0	5998	26.9	157.0	GGGG		82	15
15803N	6410N	2610-21035	00000/0000	2-10022/1350	09/23/76	20	8508	24.0	159.6	GGG		82	15
15803N	6237N	2645-21032	00000/0000	2-10024/0138	10/28/76	40	8996	12.7	162.0	GGGG		81	16
15803N	5845N	2445-20535	00000/0000	2-10017/1260	04/11/76	60	6207	36.8	150.6	GGGG		79	19
15803N	5419N	2407-20435	00000/0000	2-10016/0792	03/04/76	10	5677	25.1	148.7	GGGG		77	22
15804N	6535N	2575-21151	00000/0000	2-10022/0191	08/19/76	10	8020	35.2	156.2	FGGG		83	14
15806N	6801N	2631-21251	00000/0000	2-10023/0764	10/14/76	90	8801	13.0	166.6	GGGG		85	12
15806N	6651N	2432-21252	00000/0000	2-10017/0655	03/29/76	0	6026	25.6	160.4	GGGG		84	13
15806N	6651N	2612-21202	00000/0000	2-10022/1457	09/25/76	90	8536	21.1	163.1	GGGG		84	13
15806N	6535N	2593-21154	00000/0000	2-10022/0662	09/06/76	90	8271	29.2	158.7	GGGG		83	14
15807N	6531N	2431-21231	00000/0000	2-10017/0698	03/28/76	0	6012	26.3	158.6	GGGG		83	14
15807N	6530N	2557-21154	00000/0000	2-10021/0488	08/01/76	10	7769	40.4	154.2	GFGG		83	14
15807N	6407N	2556-21112	00000/0000	2-10021/0430	07/31/76	30	7755	41.7	152.0	FFFF		82	15
15808N	6801N	2541-21275	00000/0000	2-10020/0999	07/16/76	30	7546	42.0	157.9	GGGG		85	12
15808N	6648N	2558-21220	00000/0000	2-10021/0501	08/02/76	50	7783	39.2	156.4	GGGG		84	13
15808N	6233N	2411-21101	00000/0000	2-10016/0913	03/08/76	20	5733	20.6	155.4	GGGG		81	16
15809N	7056N	2472-21450	00000/0000	2-10018/0813	05/03/76	0	6584	36.1	167.5	GGGG		88	10
15809N	6800N	2505-21245	00000/0000	2-10019/0783	06/10/76	10	7044	44.1	159.9	GGGG		85	12
15809N	6757N	2523-21282	00000/0000	2-10020/0149	06/28/76	20	7295	44.1	158.3	GGGG		85	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 23, 1977

LANOSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0794

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL No./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME R&W NUM.
15809N	5837N	2427-20592	00000/0000 2-10017/0414	03/24/76	10	5956	29.9	151.2	GGGG			79	19
15810N	7054N	2580-21430	00000/0000 2-10021/1377	08/24/76	90	8090	29.4	165.7	GGGG			88	10
15811N	6527N	2435-21134	00000/0000 2-10019/0004	05/21/76	20	6765	43.4	157.2	GGGG			83	14
15811N	6359N	2538-21115	00000/0000 2-10020/0867	07/13/76	10	7504	45.3	151.0	GGGG			82	15
15811N	6359N	2646-21084	00000/0000 2-10024/0110	10/29/76	60	9010	11.2	163.2	FFFF			82	15
15811N	5839N	2607-20542	00000/0000 2-10027/1268	09/20/76	80	8466	29.4	153.6	GGGF			79	19
15811N	5832N	2535-20563	00000/0000 2-10020/0747	07/10/76	60	7462	49.3	142.6	FGGG			79	19
15812N	6529N	2611-21151	00000/0000 2-10027/1420	09/24/76	10	8522	22.6	161.3	GGGG			83	14
15812N	6359N	2502-21125	00000/0000 2-10019/0884	06/07/76	90	7002	46.9	153.2	GGGG			82	15
15812N	6359N	2628-21092	00000/0000 2-10023/0735	10/11/76	20	8759	17.5	161.8	GGGG			82	15
15812N	6357N	2394-21160	00000/0000 2-10016/0152	02/20/76	0	5496	13.1	157.2	GFGG			82	15
15813N	6522N	2503-21131	00000/0000 2-10019/0720	06/08/76	80	7016	45.9	155.4	GGGG			83	14
15813N	6357N	2412-21153	00000/0000 2-10014/0971	03/09/76	80	5747	19.9	156.8	GGGG			82	15
15813N	5836N	2553-20560	00000/0000 2-10021/0326	07/28/76	40	7713	46.0	143.8	GGGG			79	19
15814N	7049N	2436-21470	00000/0000 2-10017/0886	04/02/76	10	6082	24.0	166.8	GGGG			88	10
15814N	7049N	2598-21423	00000/0000 2-10027/0874	09/11/76	10	8341	23.0	167.4	FGGG			88	10
15814N	5833N	2439-20572	00000/0000 2-10019/0614	06/04/76	80	6960	50.3	145.1	GGGG			79	19
15815N	5827N	2373-21005	00000/0000 2-10015/0231	01/30/76	70	5203	10.2	154.6	FGFG			79	19
15816N	6642N	2414-21260	00000/0000 2-10016/1045	03/11/76	90	5775	18.6	159.9	GGGG			84	13
15816N	5831N	2643-20531	00000/0000 2-10024/0007	10/26/76	50	8968	16.8	158.7	FGGG			79	19
15816N	5828N	2517-20570	00000/0000 2-10019/1420	06/22/76	80	7211	50.9	143.0	GGGG			79	19
15817N	6641N	2504-21233	00000/0000 2-10019/0733	06/09/76	10	7030	45.0	157.6	GGGG			84	13
15817N	6357N	2520-21123	00000/0000 2-10019/1446	06/25/76	30	7253	47.2	151.5	GGGG			82	15
15817N	5829N	2409-21000	00000/0000 2-10016/0889	03/06/76	100	5705	22.8	151.8	GGGG			79	19
15817N	5828N	2661-20523	00000/0000 2-10025/0282	11/13/76	70	9219	11.4	159.5	GGGG			79	19
15818N	6641N	2540-21223	00000/0000 2-10020/0879	07/15/76	20	7532	43.1	155.5	GGGG			84	13
15818N	5831N	2625-20535	00000/0000 2-10023/0635	10/08/76	10	8717	23.0	156.6	FGGG			79	19
15819N	6639N	2522-21230	00000/0000 2-10020/0116	06/27/76	70	7281	45.2	156.0	GGGG			84	13
15819N	5600N	2462-20532	00000/0000 2-10018/0395	04/28/76	50	6444	44.4	146.2	GGGG			78	21
15820N	6638N	2630-21135	00000/0000 2-10023/0805	10/13/76	90	8787	14.5	164.8	GGGG			84	13
15820N	6636N	2396-21263	00000/0000 2-10016/0263	02/22/76	0	5524	11.7	159.9	GGGG			84	13
15820N	6519N	2539-21171	00000/0000 2-10020/0918	07/14/76	50	7518	44.3	153.2	GGGG			83	14
15820N	6519N	2647-21135	00000/0000 2-10024/0195	10/30/76	0	9024	9.8	164.6	GGGG			83	14
15820N	6517N	2375-21211	00000/0000 2-10016/0165	02/21/76	0	5510	12.4	158.5	GGGG			83	14
15820N	5821N	2391-21033	00000/0000 2-10015/1069	02/17/76	90	3454	16.3	152.8	GGGG			79	19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD P=POOR F=FAIR  
 MSS DATA MDF ..... (BLANK)=COMPRESSED; L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0795

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15820*	5600N	2444-20540	00000/0000	2-10017/1234	04/10/76	70	6193	38.3	147.7	GGGG		78	21
15821*	5521N	2629-21143	00000/0000	2-10023/0907	10/12/76	90	8773	16.0	163.3	GGGG		83	14
15821*	5517N	2413-21204	00000/0000	2-10016/1007	03/10/76	10	5761	19.3	158.2	GGGG		83	14
15822*	7043N	2616-21420	00000/0000	2-10023/0297	09/29/76	100	8592	16.2	169.3	GGGG		88	10
15822*	7042N	2490-21453	00000/0000	2-10019/0196	05/26/76	60	6835	40.1	166.5	FGGG		88	10
15823*	6517N	2521-21174	00000/0000	2-10020/0070	06/26/76	70	7267	46.2	153.7	GGGG		83	14
15824*	7044N	2562-21433	00000/0000	2-10021/0691	08/06/76	30	7839	35.1	163.9	GGGG		88	10
15824*	5600N	2588-20500	00000/0000	2-10022/0343	09/01/76	90	8201	37.9	146.9	GGGG		78	21
15826*	5550N	2480-20530	00000/0000	2-10018/1163	05/16/76	90	6695	49.2	143.8	GGGG		78	21
15827*	5552N	2426-20543	00000/0000	2-10017/0332	03/23/76	30	5942	31.5	148.7	GGGG		78	21
15828*	7039N	2544-21440	00000/0000	2-10020/1229	07/19/76	80	7588	39.4	163.1	GGGG		88	10
15828*	6009N	2446-21041	00000/0000	2-10017/1295	04/12/76	30	6221	36.1	152.1	GGGG		80	18
15828*	5543N	2408-20551	00000/0000	2-10016/0806	03/05/76	90	5691	24.5	149.6	GGGG		78	21
15829*	7040N	2418-21473	00000/0000	2-10017/0046	03/15/76	10	5831	17.0	165.8	FGPG		88	10
15829*	6007N	2464-21034	00000/0000	2-10015/0381	04/30/76	0	6472	42.2	151.1	GGGG		80	18
15829*	5550N	2678-20465	00000/0000	2-10025/0774	11/30/76	90	9456	9.8	157.5	GGGF		78	21
15830*	5546N	2498-20523	00000/0000	2-10019/0524	06/03/76	40	6946	51.9	141.0	GGGG		78	21
15831*	7036N	2508-21450	00000/0000	2-10019/1043	06/13/76	20	7086	42.2	164.9	GGGG		88	10
15831*	5546N	2552-20510	00000/0000	2-10021/0213	07/27/76	100	7699	47.9	139.8	GGGG		78	21
15831*	5542N	2534-20513	00000/0000	2-10020/0707	07/09/76	50	7448	51.1	138.3	FGGG		78	21
15832*	5542N	2372-20560	00000/0000	2-10015/0265	01/29/76	100	5189	12.7	153.0	FGGG		78	21
15833*	7209N	2456-21573	00000/0000	2-10018/0106	04/22/76	30	6361	30.1	170.3	GGFG		90	9
15833*	6002N	2482-21031	00000/0000	2-10018/1230	05/18/76	80	6723	46.8	149.4	GGGG		80	18
15833*	5550N	2606-20493	00000/0000	2-10022/1234	09/19/76	30	8452	31.9	150.9	GGGG		78	21
15834*	7033N	2400-21481	00000/0000	2-10016/0451	02/26/76	50	5580	10.0	165.3	FGGG		88	10
15834*	6008N	2572-21004	00000/0000	2-10021/1087	08/16/76	70	7978	40.1	148.5	GGGG		80	18
15834*	5543N	2660-20474	00000/0000	2-10025/0250	11/12/76	70	9205	13.9	157.8	GGGG		78	21
15834*	5539N	2516-20521	00000/0000	2-10019/1320	06/21/76	90	7197	52.6	138.7	GGGG		78	21
15834*	5309N	2587-20451	00000/0000	2-10022/0457	08/31/76	100	8187	40.1	143.7	GGGG		77	23
15835*	6007N	2590-21001	00000/0000	2-10022/0421	09/03/76	30	8229	34.3	151.8	GGGG		80	18
15835*	5544N	2624-20490	00000/0000	2-10023/0571	10/07/76	70	8703	25.6	154.3	GGGG		78	21
15835*	5543N	2642-20482	00000/0000	2-10024/0050	10/25/76	90	8954	19.4	156.7	GGGG		78	21
15836*	7034N	2634-21412	00000/0000	2-10023/1080	10/17/76	90	8843	9.6	170.5	GGGG		88	10
15836*	5535N	2390-20554	00000/0000	2-10015/1012	02/16/76	90	5440	18.0	151.0	GGFF		78	21
15838*	7035N	2526-21444	00000/0000	2-10020/0354	07/01/76	90	7337	41.9	163.5	FGGG		88	10

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0796

PRINCIPAL POINT OF IMAGE	RESERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15838.4	6000N	2428-21044	00000/0000	2-10017/0428	03/25/76	0	5970	29.3	152.5	GGGG	80	18
15840.4	7207N	2438-21584	00000/0000	2-10017/0916	04/04/76	10	6110	23.6	169.5	GGGG	90	9
15840.4	7206N	2474-21570	00000/0000	2-10018/0931	05/10/76	0	6612	35.5	170.3	GGFG	90	9
15840.4	6938N	2453-21411	00000/0000	2-10017/1604	04/19/76	40	6319	31.2	165.2	GGFG	87	11
15841.4	6000N	2554-21011	00000/0000	2-10021/0338	07/29/76	90	7727	44.9	145.9	GGGG	80	18
15842.4	5949N	2392-21055	00000/0000	2-10016/0111	02/18/76	10	5468	15.5	153.8	GGFG	80	18
15843.4	5955N	2626-20591	00000/0000	2-10023/0706	10/09/76	80	8731	21.5	157.9	GGGG	80	18
15843.4	5954N	2500-21024	00000/0000	2-10019/0567	06/05/76	100	6974	49.5	147.0	GGGG	80	18
15844.4	5953N	2536-21014	00000/0000	2-10020/0845	07/11/76	90	7476	48.3	144.6	GGGG	80	18
15844.4	5950N	2662-20575	00000/0000	2-10025/0286	11/14/76	90	9233	10.0	160.4	GGGG	80	18
15845.4	5950N	2410-21052	00000/0000	2-10016/0901	03/07/76	60	5719	22.2	152.9	GGGG	80	18
15846.4	7207N	2582-21540	00000/0000	2-10022/0101	08/26/76	20	8118	27.7	168.4	FGGG	90	9
15846.4	5952N	2644-20583	00000/0000	2-10024/0104	10/27/76	20	8982	15.3	159.8	GGFF	80	18
15851.4	7204N	2600-21533	00000/0000	2-10023/0011	09/13/76	70	8369	21.2	170.1	GGGG	90	9
15851.4	6931N	2471-21404	00000/0000	2-10018/0698	05/07/76	100	6570	36.9	164.9	GGGG	87	11
15851.4	6134N	2447-21092	00000/0000	2-10017/1321	04/13/76	0	6235	35.4	153.7	GGGG	81	17
15852.4	7202N	2564-21543	00000/0000	2-10021/0757	08/08/76	30	7867	33.5	166.9	GGGG	90	9
15852.4	7200N	2492-21563	00000/0000	2-10019/0300	05/28/76	30	6863	39.4	169.2	GGFG	90	9
15853.4	6930N	2435-21414	00000/0000	2-10017/0772	04/01/76	40	6068	24.7	164.5	GGGG	87	11
15854.4	6928N	2561-21351	00000/0000	2-10021/0608	08/05/76	60	7825	36.4	161.3	GGGG	87	11
15854.4	6132N	2465-21035	00000/0000	2-10018/0675	05/01/76	10	6486	41.4	152.9	GGGG	81	17
15854.4	5129N	2573-21060	00000/0000	2-10021/1131	08/17/76	100	7992	38.8	150.4	PFGP	81	17
15855.4	7200N	2615-21530	00000/0000	2-10023/0381	10/01/76	40	8620	14.3	171.8	GGGG	90	9
15857.4	6925N	2489-21401	00000/0000	2-10019/0115	05/25/76	100	6821	41.0	163.9	GGGG	87	11
15858.4	6132N	2591-21053	00000/0000	2-10022/0502	09/04/76	50	8243	32.9	153.5	GGGG	81	17
15858.4	5721N	2445-20591	00000/0000	2-10017/1261	04/11/76	30	6207	37.7	149.1	GGGG	79	20
15859.4	5722N	2589-20552	00000/0000	2-10022/0481	09/02/76	90	8215	36.6	148.6	GGGG	79	20
15900.4	6925N	2615-21364	00000/0000	2-10023/0283	09/28/76	90	8578	17.8	167.0	GPFG	87	11
15900.4	6921N	2417-21422	00000/0000	2-10016/1092	03/14/76	10	5817	17.6	163.6	GGGG	87	11
15900.4	6125N	2429-21100	00000/0000	2-10017/0479	03/26/76	10	5984	28.6	153.9	GGGG	81	17
15902.4	7154N	2420-21583	00000/0000	2-10017/0117	03/17/76	10	5859	16.7	168.3	GGGG	90	9
15903.4	6121N	2555-21063	00000/0000	2-10021/0350	07/30/76	90	7741	43.8	147.9	GGGG	81	17
15904.4	6917N	2399-21425	00000/0000	2-10016/0400	02/25/76	0	5566	10.7	163.3	FG	87	11
15904.4	6818N	2452-21355	00000/0000	2-10017/1504	04/18/76	10	6305	32.0	162.9	FGGG	86	12
15904.4	6121N	2609-21050	00000/0000	2-10022/1437	09/22/76	90	8494	26.6	156.5	GGGG	81	17

KEYS: CLOUD COVER % ..... U TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0797

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SUN NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
15904.	5714N	2427-20595	00000/0000	2-10017/0415	03/24/76	0	5956	30.9	149.9	GGGG		79	20
15904.	5709N	2535-20565	00000/0000	2-10020/0748	07/10/76	80	7462	50.1	140.5	GGGG		79	20
15905.	6921N	2633-21361	00000/0000	2-10023/0944	10/16/76	50	8829	11.1	168.6	GGGG		87	11
15905.	6118N	2537-21070	00000/0000	2-10020/0780	07/12/76	90	7490	47.3	146.8	GGGG		81	17
15905.	5715N	2637-20545	00000/0000	2-10022/1269	09/20/76	60	8466	30.5	152.3	GGGF		79	20
15906.	7154N	2546-21550	00000/0000	2-10021/0011	07/21/76	80	7616	38.0	166.0	GGGG		90	9
15906.	5712N	2553-20542	00000/0000	2-10021/0327	07/28/76	50	7713	46.9	141.9	GGGG		79	20
15907.	6818N	2575-21322	00000/0000	2-10021/1272	08/22/76	90	8062	32.2	160.8	GGGG		86	12
15907.	6112N	2393-21110	00000/0000	2-10016/0142	02/19/76	30	5482	14.9	154.8	FGGG		81	17
15907.	5436N	2444-20542	00000/0000	2-10017/1235	04/10/76	70	6193	39.3	146.3	GGGG		78	22
15908.	6920N	2525-21392	00000/0000	2-10020/0318	06/30/76	90	7323	42.9	160.9	FGGG		87	11
15908.	6919N	2543-21385	00000/0000	2-10020/1133	07/18/76	70	7574	40.6	160.4	FGFG		87	11
15908.	6255N	2448-21144	00000/0000	2-10017/1334	04/14/76	0	6249	34.8	155.3	GGGG		82	16
15908.	6115N	2501-21080	00000/0000	2-10019/0677	06/06/76	90	6988	48.7	149.0	GGGG		81	17
15908.	6114N	2519-21073	00000/0000	2-10021/0023	06/24/76	60	7239	49.1	147.2	GGGG		81	17
15908.	5709N	2499-20575	00000/0000	2-10019/0615	06/04/76	90	6960	51.2	143.0	GGGG		79	20
15908.	5437N	2462-20535	00000/0000	2-10015/0396	04/28/76	70	6444	45.4	144.5	GGGG		78	22
15909.	5705N	2517-20572	00000/0000	2-10019/1421	06/22/76	90	7211	51.7	140.9	FFGG		79	20
15909.	5704N	2373-21012	00000/0000	2-10015/0282	01/30/76	40	5203	11.9	153.7	FGGF		79	20
15910.	6116N	2645-21034	00000/0000	2-10024/0139	10/28/76	60	8996	13.8	160.9	GGGG		81	17
15910.	5707N	2643-20534	00000/0000	2-10024/0008	10/26/76	70	8968	17.9	157.7	GGGG		79	20
15910.	5706N	2409-21002	00000/0000	2-10016/0890	03/06/76	80	5705	23.8	150.7	GGGG		79	20
15911.	6815N	2470-21352	00000/0000	2-10018/0684	05/06/76	30	6556	37.7	162.4	GGGG		86	12
15911.	6253N	2466-21141	00000/0000	2-10018/0365	05/02/76	90	6500	40.7	154.6	GGPG		82	16
15911.	5707N	2625-20541	00000/0000	2-10023/0636	10/08/76	20	8717	24.1	155.5	FGGG		79	20
15911.	5705N	2661-20525	00000/0000	2-10025/0283	11/13/76	70	9219	12.5	158.6	GGGG		79	20
15912.	6917N	2507-21395	00000/0000	2-10019/1020	06/12/76	50	7072	43.2	162.2	GGGG		87	11
15913.	6814N	2596-21320	00000/0000	2-10022/0739	09/09/76	90	8313	25.9	162.9	GGGG		86	12
15913.	5658N	2391-21005	00000/0000	2-10015/1070	02/17/76	80	5454	17.3	151.8	GGGG		79	20
15913.	5436N	2586-20502	00000/0000	2-10022/0344	09/01/76	80	8201	38.8	145.5	GGGG		78	22
15914.	7151N	2528-21554	00000/0000	2-10020/0454	07/03/76	80	7365	40.7	166.3	GGGG		90	9
15914.	7149N	2510-21561	00000/0000	2-10019/1080	06/15/76	30	7114	41.2	167.5	GGGG		90	9
15914.	5111N	2411-21103	00000/0000	2-10016/0914	03/08/76	20	5733	21.6	154.1	GGGG		81	17
15914.	5426N	2450-20532	00000/0000	2-10016/1164	06/16/76	90	6695	50.0	141.9	GGGG		78	22
15915.	6811N	2434-21362	00000/0000	2-10017/0758	03/31/76	0	6054	25.4	162.3	GGGG		86	12

KEYS: CLOUD COVER .. 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=AND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=19% GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0798

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15915N	6253N	2574-21111	00000/0000	2-10021/1315	08/18/76	80	8006	37.5	152.4	GGGG	82	16
15915N	5428N	2426-20550	00000/0000	2-10017/0333	03/23/76	50	5942	32.4	147.5	GGGG	78	22
15915N	5419N	2408-20553	00000/0000	2-10016/0807	03/05/76	90	5691	25.5	148.6	GGGG	78	22
15916N	6252N	2592-21105	00000/0000	2-10022/0515	09/05/76	90	8257	31.6	155.2	GGGG	82	16
15916N	6248N	2610-21101	00000/0000	2-10022/1351	09/23/76	60	8508	25.1	158.2	GGGG	82	16
15916N	5144N	2587-20459	00000/0000	2-10022/0458	08/31/76	90	8187	41.0	142.3	GGGG	77	24
15917N	6659N	2469-21300	00000/0000	2-10018/0635	05/05/76	50	6542	38.4	160.5	FGGG	85	13
15917N	6249N	2430-21151	00000/0000	2-10017/0503	03/27/76	0	5998	28.0	155.4	GGGG	82	16
15917N	5426N	2678-20472	00000/0000	2-10025/0775	11/30/76	90	9456	10.9	156.8	GGGF	78	22
15917N	5422N	2498-20530	00000/0000	2-10019/0525	06/03/76	30	6946	52.8	138.9	FGGG	78	22
15918N	5422N	2552-20513	00000/0000	2-10021/0214	07/27/76	100	7699	48.7	137.8	GGGG	78	22
15918N	5419N	2534-20520	00000/0000	2-10020/0708	07/09/76	90	7448	51.8	136.2	GGGG	78	22
15919N	6809N	2614-21312	00000/0000	2-10023/0142	09/27/76	90	8564	19.2	165.1	FGGG	86	12
15920N	6700N	2451-21303	00000/0000	2-10017/1484	04/17/76	0	6291	32.7	160.8	FGGG	85	13
15920N	6417N	2467-21193	00000/0000	2-10018/0737	05/03/76	10	6514	40.0	156.5	GGGG	83	15
15920N	6415N	2449-21200	00000/0000	2-10017/1439	04/15/76	20	6263	34.1	157.0	FFFF	83	15
15920N	5418N	2372-20562	00000/0000	2-10015/0266	01/29/76	100	5189	13.7	152.2	FGGG	78	22
15920N	5415N	2516-20523	00000/0000	2-10019/1321	06/21/76	90	7197	53.3	136.5	GGGG	78	22
15921N	6245N	2556-21115	00000/0000	2-10021/0431	07/31/76	70	7755	42.6	150.3	FFFF	82	16
15921N	6245N	2606-20500	00000/0000	2-10022/1235	09/19/76	30	8452	32.9	149.6	GGGG	78	22
15921N	5419N	2660-20480	00000/0000	2-10025/0251	11/12/76	60	9205	15.1	157.0	GGGG	78	22
15922N	6809N	2560-21330	00000/0000	2-10021/0560	08/04/76	40	7811	37.7	158.8	FGGG	86	12
15922N	6238N	2538-21122	00000/0000	2-10020/0868	07/13/76	30	7504	46.3	148.9	GGGG	82	16
15922N	5419N	2642-20484	00000/0000	2-10024/0081	10/25/76	80	8954	20.5	155.8	GGGG	78	22
15923N	6904N	2381-21432	00000/0000	2-10015/0592	02/07/76	70	5315	4.7	163.5	FGGG	87	11
15923N	6657N	2577-21271	00000/0000	2-10021/1251	08/21/76	50	8048	33.6	158.5	FGGG	85	13
15923N	5421N	2624-20492	00000/0000	2-10023/0572	10/07/76	80	8703	26.7	153.2	GGGG	78	22
15924N	6537N	2468-21245	00000/0000	2-10018/0748	05/04/76	10	6528	39.2	158.4	GGGG	84	14
15924N	6236N	2394-21162	00000/0000	2-10016/0153	02/20/76	0	5496	14.1	156.0	GGGG	82	16
15924N	5412N	2390-20560	00000/0000	2-10015/1013	02/16/76	100	5440	19.0	150.1	FGGG	78	22
15925N	6237N	2502-21132	00000/0000	2-10019/0885	06/07/76	90	7002	47.8	151.0	GGGG	82	16
15925N	6237N	2628-21094	00000/0000	2-10023/0736	10/11/76	50	8759	18.6	160.5	GGFF	82	16
15926N	6414N	2575-21163	00000/0000	2-10022/0192	08/19/76	10	8020	36.2	154.3	FGGG	83	15
15926N	6236N	2412-21155	00000/0000	2-10016/0972	03/09/76	70	5747	21.0	155.4	FGGG	82	16
15927N	6656N	2595-21264	00000/0000	2-10022/0703	09/08/76	90	8299	27.4	160.8	GGGG	85	13

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0799

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15927W	6538N	2450-21252	00000/0000	2-10017/1577	04/16/76	0	6277	33.4	158.8	GGGG		84	14
15927W	6414N	2593-21160	00000/0000	2-10022/0663	09/06/76	80	8271	30.2	157.0	GGGG		83	15
15927W	6410N	2431-21203	00000/0000	2-10017/0699	03/28/76	0	6012	27.4	156.9	GGGG		83	15
15927W	5846N	2446-21043	00000/0000	2-10017/1296	04/12/76	30	6221	37.1	150.6	GGFG		80	19
15927W	5844N	2464-21040	00000/0000	2-10018/0382	04/30/76	0	6472	43.2	149.4	GGGG		80	19
15928W	6802N	2632-21305	00000/0000	2-10023/0780	10/15/76	80	8815	12.6	166.7	GGGG		86	12
15928W	6801N	2416-21370	00000/0000	2-10016/1156	03/13/76	30	5803	18.3	161.7	FFF		86	12
15928W	6409N	2557-21170	00000/0000	2-10021/0489	08/01/76	20	7769	41.4	152.1	GGGG		83	15
15929W	6236N	2520-21125	00000/0000	2-10019/1447	06/25/76	30	7253	48.1	149.3	GGGG		82	16
15930W	6653N	2433-21311	00000/0000	2-10017/0670	03/30/76	10	6040	26.0	160.4	GGGG		85	13
15930W	6650N	2559-21274	00000/0000	2-10021/0542	08/03/76	80	7797	38.9	156.5	GGGG		85	13
15930W	6537N	2594-21212	00000/0000	2-10022/0690	09/07/76	30	8285	28.8	159.9	GGGG		84	14
15931W	7049N	2473-21514	00000/0000	2-10018/0878	05/09/76	10	6598	36.4	167.4	GGGG		89	10
15931W	6800N	2506-21343	00000/0000	2-10019/0820	06/11/76	10	7058	44.1	159.7	GGGG		86	12
15931W	6534N	2576-21215	00000/0000	2-10021/1362	08/20/76	20	8034	34.9	156.3	GGGG		84	14
15931W	6406N	2455-21190	00000/0000	2-10019/0005	05/21/76	10	6765	44.5	155.0	GGGG		83	15
15931W	5839N	2482-21033	00000/0000	2-10018/1231	05/18/76	90	6723	47.7	147.4	GGGG		80	19
15932W	6757N	2398-21373	00000/0000	2-10016/0371	02/24/76	20	5552	11.4	161.5	GGGG		86	12
15932W	5845N	2572-21010	00000/0000	2-10021/1088	08/16/76	50	7978	41.0	146.8	GGGG		80	19
15933W	7052N	2455-21521	00000/0000	2-10018/0219	04/21/76	20	6347	30.9	167.5	GGGG		89	10
15933W	6802N	2542-21333	00000/0000	2-10020/1053	07/17/76	30	7560	41.8	157.9	GGGG		86	12
15933W	6401N	2503-21134	00000/0000	2-10019/0721	06/08/76	50	7016	46.9	153.1	GGGG		83	15
15933W	5844N	2590-21004	00000/0000	2-10022/0422	09/03/76	20	8229	35.3	150.3	GGGF		80	19
15934W	6408N	2611-21153	00000/0000	2-10022/1421	09/24/76	90	8522	23.7	159.7	GGFG		83	15
15935W	6531N	2432-21255	00000/0000	2-10017/0656	03/29/76	0	6026	26.7	158.6	GG G		84	14
15935W	6530N	2612-21205	00000/0000	2-10022/1458	09/25/76	50	8536	22.2	161.4	GGGG		84	14
15935W	5838N	2428-21051	00000/0000	2-10017/0429	03/25/76	30	5970	30.3	151.2	GGGG		80	19
15936W	6648N	2613-21261	00000/0000	2-10023/0060	09/26/76	40	8550	20.7	163.2	GGGG		85	13
15937W	7053N	2581-21434	00000/0000	2-10022/0144	08/25/76	10	8104	29.1	165.7	GGGG		89	10
15937W	7050N	2437-21524	00000/0000	2-10017/0901	04/03/76	10	6096	24.3	166.9	GGGG		89	10
15937W	6756N	2524-21340	00000/0000	2-10020/0207	06/29/76	30	7309	44.1	158.2	GGGG		86	12
15937W	6644N	2415-21314	00000/0000	2-10017/0034	03/12/76	90	5789	19.0	159.9	FFGG		85	13
15937W	6528N	2558-21222	00000/0000	2-10021/0502	08/02/76	50	7783	40.2	154.2	GGGG		84	14
15938W	6646N	2487-21234	00000/0000	2-10019/0034	05/23/76	10	6793	42.8	159.2	GGFG		85	13
15939W	5837N	2554-21014	00000/0000	2-10021/0339	07/29/76	90	7727	45.8	143.9	GGGG		80	19

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPARISON, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0800

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSR	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15940.	6359N	2647-21142	00000/0000	2-10024/0196	10/30/76	10	9024	10.9	163.3	FGGG		83	15
15940.	6358N	2539-21174	00000/0000	2-10020/0919	07/14/76	40	7518	45.2	151.0	GGGG		83	15
15940.	5356N	2395-21214	00000/0000	2-10016/0166	02/21/76	10	5510	13.5	157.2	GGGG		83	15
15940.	5827N	2392-21061	00000/0000	2-10016/0112	02/18/76	10	5468	16.6	152.8	GGGG		80	19
15941.	6749N	2458-21350	00000/0000	2-10019/0068	05/24/76	60	6807	42.2	160.9	GGGG		84	12
15941.	6639N	2397-21321	00000/0000	2-10016/0248	02/23/76	10	5538	12.1	159.9	GGGG		85	13
15941.	6355N	2413-21211	00000/0000	2-10016/1008	03/10/76	10	5761	20.3	156.7	GGGG		83	15
15941.	5831N	2500-21031	00000/0000	2-10019/0568	06/05/76	90	6974	50.4	144.9	GFGG		80	19
15941.	5831N	2626-20593	00000/0000	2-10023/0707	10/09/76	90	8731	22.7	156.8	GGGG		80	19
15942.	5400N	2629-21150	00000/0000	2-10023/0908	10/12/76	70	8773	17.1	161.9	GGGG		83	15
15942.	6356N	2521-21181	00000/0000	2-10020/0071	06/26/76	30	7267	47.2	151.4	GGGG		83	15
15942.	5830N	2536-21021	00000/0000	2-10020/0846	07/11/76	90	7476	49.2	142.6	GGGG		80	19
15942.	5828N	2662-20551	00000/0000	2-10025/0287	11/14/76	20	9233	11.1	159.5	GGFG		80	19
15942.	5827N	2410-21054	00000/0000	2-10016/0902	03/07/76	40	5719	23.2	151.7	GGGG		80	19
15943.	6642N	2631-21253	00000/0000	2-10023/0765	10/14/76	80	8801	14.1	165.0	GGGG		85	13
15944.	7046N	2599-21481	00000/0000	2-10022/0902	09/12/76	30	8355	22.7	167.5	GFGG		89	10
15944.	6523N	2414-21262	00000/0000	2-10016/1046	03/11/76	80	5775	19.6	158.3	GGGG		84	14
15944.	6521N	2504-21235	00000/0000	2-10019/0734	06/09/76	20	7030	46.0	155.2	GGGG		84	14
15944.	5830N	2644-20585	00000/0000	2-10024/0105	10/27/76	80	8982	16.4	158.3	GGGF		80	19
15945.	6641N	2541-21231	00000/0000	2-10020/1000	07/16/76	20	7546	43.0	155.5	GGGG		85	13
15945.	6637N	2523-21234	00000/0000	2-10020/0150	06/28/76	20	7295	45.1	155.9	GGGG		85	13
15946.	6640N	2505-21291	00000/0000	2-10019/0734	06/10/76	10	7044	45.1	157.4	GGGG		85	13
15946.	6521N	2540-21225	00000/0000	2-10020/0880	07/15/76	50	7532	44.1	153.3	GGGG		84	14
15947.	6516N	2396-21270	00000/0000	2-10016/0264	02/22/76	0	5524	12.8	158.5	GGGG		84	14
15948.	7041N	2419-21532	00000/0000	2-10017/0083	03/16/76	40	5845	17.3	165.9	FGGG		89	10
15948.	6519N	2522-21233	00000/0000	2-10020/0117	06/27/76	40	7281	46.1	153.7	GGGG		84	14
15948.	5518N	2630-21202	00000/0000	2-10023/0806	10/13/76	90	8787	15.7	163.4	GGGG		84	14
15948.	5558N	2445-20594	00000/0000	2-10017/1262	04/11/76	40	6207	38.7	147.6	GGGG		79	21
15949.	7043N	2617-21474	00000/0000	2-10023/0247	09/30/76	90	8606	15.9	169.4	GGGG		89	10
15949.	6519N	2648-21194	00000/0000	2-10024/0214	10/31/76	10	9038	9.4	164.6	GGGG		84	14
15950.	7041N	2491-21511	00000/0000	2-10019/0590	05/27/76	100	6849	40.3	166.3	GFGG		89	10
15951.	5558N	2539-20554	00000/0000	2-10022/0482	09/02/76	90	8215	37.6	147.2	GGGG		79	21
15952.	7046N	2563-21431	00000/0000	2-10021/0716	08/07/76	90	7853	34.8	164.0	GGGG		89	10
15954.	7210N	2457-22031	00000/0000	2-10018/0128	04/23/76	90	6375	30.4	170.4	GGGG		91	9
15954.	6011N	2447-21095	00000/0000	2-10017/1322	04/13/76	0	6235	36.4	152.1	GGGG		81	18

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0801

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
15954W	5546N	2535-20572	00000/0000	2-10020/0749	07/10/76	90	7462	50.9	138.4	GGGF			79	21
15955W	5550N	2427-21001	00000/0000	2-10017/0416	03/24/76	10	5956	31.9	148.6	GGGG			79	21
15956W	5551N	2607-20551	00000/0000	2-10022/1270	09/20/76	60	8466	31.5	151.1	GGGF			79	21
15957W	7037N	2527-21532	00000/0000	2-10020/0417	07/02/76	90	7351	41.8	163.5	GGGG			89	10
15957W	6009N	2465-21032	00000/0000	2-10015/0676	05/01/76	60	6486	42.4	151.1	GGGG			81	18
15957W	6007N	2573-21062	00000/0000	2-10021/1132	08/17/76	100	7992	39.8	148.7	PPFF			81	18
15957W	6002N	2483-21085	00000/0000	2-10018/1308	05/19/76	80	6737	47.0	149.2	GGGG			81	18
15957W	5549N	2553-20565	00000/0000	2-10021/0328	07/28/76	70	7713	47.7	139.9	GGGG			79	21
15958W	5542N	2517-20575	00000/0000	2-10019/1422	06/22/76	50	7211	52.5	138.7	GGGG			79	21
15959W	5546N	2499-20581	00000/0000	2-10019/0616	06/04/76	100	6960	52.0	140.9	GGGG			79	21
16000W	5544N	2643-20540	00000/0000	2-10024/0009	10/26/76	80	8968	19.0	156.8	GGGG			79	21
16000W	5540N	2373-21014	00000/0000	2-10015/0283	01/30/76	40	5203	12.9	152.8	FGGG			79	21
16001W	6009N	2591-21055	00000/0000	2-10022/0503	09/04/76	10	8243	34.0	152.0	GGGG			81	18
16001W	5544N	2625-20544	00000/0000	2-10023/0637	10/08/76	50	8717	25.2	154.4	GGGG			79	21
16001W	5543N	2409-21005	00000/0000	2-10016/0891	03/06/76	30	5705	24.8	149.6	GGGG			79	21
16001W	5542N	2661-20532	00000/0000	2-10025/0284	11/13/76	80	9219	13.7	157.8	FGGG			79	21
16002W	6003N	2429-21102	00000/0000	2-10017/0480	03/26/76	30	5984	29.6	152.5	GGGG			81	18
16003W	7034N	2509-21505	00000/0000	2-10019/0985	06/14/76	80	7100	42.2	164.7	GGGG			89	10
16003W	6939N	2454-21465	00000/0000	2-10018/0027	04/20/76	20	6333	31.6	165.2	FGGG			88	11
16003W	5535N	2391-21012	00000/0000	2-10015/1071	02/17/76	30	5454	18.4	150.9	GGGG			79	21
16004W	7034N	2635-21471	00000/0000	2-10023/1096	10/18/76	90	8857	9.3	170.6	FGGG			89	10
16004W	7031N	2401-21535	00000/0000	2-10016/0512	02/27/76	50	5594	10.4	165.2	GGGG			89	10
16005W	7037N	2545-21495	00000/0000	2-10020/1255	07/20/76	30	7602	39.2	163.1	GGGG			89	10
16005W	5959N	2555-21070	00000/0000	2-10021/0351	07/30/76	70	7741	44.7	145.9	GGGG			81	18
16006W	5954N	2663-21033	00000/0000	2-10025/0321	11/15/76	50	9247	9.7	160.4	GGGG			81	18
16007W	5959N	2609-21052	00000/0000	2-10022/1438	09/22/76	90	8494	27.7	155.2	GGGG			81	18
16007W	5955N	2537-21073	00000/0000	2-10020/0781	07/12/76	90	7490	48.2	144.7	GGGG			81	18
16009W	7209N	2583-21594	00000/0000	2-10022/0211	08/27/76	50	8132	27.3	168.6	GGGG			91	9
16009W	5953N	2501-21083	00000/0000	2-10019/0678	06/06/76	90	6988	49.6	146.9	GGGG			81	18
16009W	5949N	2393-21113	00000/0000	2-10014/0143	02/19/76	20	5482	15.9	153.8	GGGG			81	18
16010W	5952N	2519-21060	00000/0000	2-10020/0024	06/24/76	40	7239	50.0	145.1	GGGG			81	18
16010W	5950N	2375-21115	00000/0000	2-10015/0357	02/01/76	0	5231	10.3	155.3	GGGG			81	18
16012W	5953N	2645-21041	00000/0000	2-10024/0140	10/28/76	20	8996	15.0	159.8	GGGG			81	18
16013W	6933N	2472-21462	00000/0000	2-10018/0814	05/08/76	10	6584	37.2	164.9	GGGG			88	11
16014W	7205N	2439-22034	00000/0000	2-10017/1009	04/05/76	30	6124	24.0	169.5	G G			91	9

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0802

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RALI MSS	DATE ACQUIRED	CLUD COVER %	SRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16014w	6938N	2580-21432	07000/0000	2-10021/1378	08/24/76	70	8090	30.5	163.2		GGGG			88	11
16015w	5948N	2411-21110	00000/0000	2-10014/0915	03/08/76	50	5733	22.6	152.9		GGGG			81	18
16017w	5132N	2448-21151	00000/0000	2-10017/1335	04/14/76	0	6249	35.8	153.7		GGGG			82	17
16018w	6932N	2436-21472	00000/0000	2-10017/0887	04/02/76	10	6082	25.0	164.5		GGGF			88	11
16018w	6932N	2598-21430	00000/0000	2-10022/0875	09/11/76	50	8341	24.1	165.2		GGGG			88	11
16020w	6130N	2466-21144	00000/0000	2-10018/0366	05/02/76	60	6500	41.8	152.8		GFFG			82	17
16021w	5721N	2464-21043	00000/0000	2-10018/0383	04/30/76	0	6472	44.1	147.6		GGGG			80	20
16023w	7159N	2493-22021	00000/0000	2-10019/0057	05/29/76	90	6877	39.5	169.1		GGGG			91	9
16023w	6131N	2574-21114	00000/0000	2-10021/1316	08/18/76	80	8006	38.5	150.6		GGGG			82	17
16024w	6130N	2592-21111	00000/0000	2-10022/0516	09/05/76	80	8257	32.6	153.7		GGGG			82	17
16024w	6126N	2610-21104	00000/0000	2-10022/1352	09/23/76	70	8508	26.2	156.8		GGGG			82	17
16025w	6925N	2490-21460	00000/0000	2-10019/0197	05/26/76	60	6835	41.2	163.8		FGGG			88	11
16025w	6925N	2616-21422	00000/0000	2-10023/0298	09/29/76	90	8592	17.4	167.2		GGGG			88	11
16025w	6127N	2430-21154	00000/0000	2-10017/0504	03/27/76	10	5998	29.0	153.9		GGGG			82	17
16025w	6123N	2434-21141	00000/0000	2-10018/1320	05/20/76	10	6751	46.2	151.1		GGGG			82	17
16026w	7201N	2565-22001	00000/0000	2-10021/0901	08/09/76	90	7881	33.2	166.8		GGGG			91	9
16026w	7156N	2619-21544	00000/0000	2-10023/0422	10/02/76	90	8634	14.0	171.8		GGG			91	9
16026w	5722N	2572-21013	00000/0000	2-10021/1089	08/16/76	90	7978	41.9	145.1		GGGG			80	20
16026w	5715N	2452-21040	00000/0000	2-10018/1232	05/18/76	70	6723	48.7	145.5		GGGG			80	20
16027w	7155N	2421-22042	00000/0000	2-10017/0133	03/18/76	10	5873	17.1	168.3		GGGG			91	9
16027w	6927N	2562-21440	00000/0000	2-10021/0692	08/06/76	70	7839	36.1	161.3		GFFG			88	11
16027w	6123N	2556-21121	00000/0000	2-10021/0432	07/31/76	60	7755	43.5	148.0		GGGG			82	17
16027w	5721N	2590-21010	00000/0000	2-10022/0423	09/03/76	40	8229	36.3	148.8		PGGG			80	20
16029w	6117N	2538-21124	00000/0000	2-10020/0869	07/13/76	90	7504	47.2	146.8		GFFG			82	17
16029w	5715N	2428-21053	00000/0000	2-10017/0430	03/25/76	90	5970	31.3	149.9		GGGG			80	20
16031w	6922N	2418-21450	00000/0000	2-10017/0047	03/15/76	10	5831	18.0	163.7		PGFG			88	11
16031w	6922N	2544-21443	00000/0000	2-10020/1230	07/19/76	50	7588	40.4	160.5		FGGG			88	11
16031w	6116N	2646-21033	00000/0000	2-10024/0111	10/29/76	90	9010	13.5	161.0		FGFG			82	17
16031w	6113N	2394-21165	00000/0000	2-10014/0154	02/27/76	0	5496	15.2	154.8		GGGG			82	17
16032w	6116N	2628-21101	00000/0000	2-10023/0737	10/11/76	40	8759	19.7	159.3		GGGG			82	17
16032w	6115N	2502-21134	00000/0000	2-10019/0886	06/07/76	90	7002	48.8	148.9		GGGG			82	17
16032w	5714N	2554-21020	00000/0000	2-10021/0340	07/29/76	70	7727	46.6	142.0		GGGG			80	20
16033w	6919N	2508-21453	00000/0000	2-10019/1044	06/13/76	30	7086	43.2	162.1		GGGG			88	11
16033w	6820N	2453-21413	00000/0000	2-10017/1605	04/19/76	0	6319	32.3	162.9		GFFG			87	12
16034w	6115N	2412-21162	00000/0000	2-10014/0973	03/09/76	60	5747	22.0	154.1		GGGG			82	17

KEYS: CLUD COVER % ..... 0 TO 100 = % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0803

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL PRINT OF IMAGE	SERVIATION ID	MICROFILM POSITION	ROLL No./ IN RALI MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MBDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
16034	5708N	2500-21033	00000/0000	2-10019/0569	06/05/76	100	6974	51.3	142.8	GGGG		80	20
16034	5704N	2392-21064	00000/0000	2-10016/0113	02/18/76	80	5468	17.6	151.8	FGGG		80	20
16035	7155N	2547-22005	00000/0000	2-10021/0080	07/22/76	60	7630	37.8	166.1	GFGG		91	9
16035	6916N	2400-21483	00000/0000	2-10016/0452	02/26/76	60	5580	11.1	163.3	GGGG		88	11
16035	6255N	2467-21195	00000/0000	2-10018/0738	05/03/76	10	6514	41.0	154.6	GGGG		83	16
16035	6253N	2449-21202	00000/0000	2-10017/1440	04/15/76	80	6263	35.2	155.3	FFGG		83	16
16035	5707N	2536-21023	00000/0000	2-10020/0847	07/11/76	90	7476	50.0	140.5	GGGG		80	20
16035	5704N	2374-21070	00000/0000	2-10015/0327	01/31/76	10	5217	12.1	153.6	FFFG		80	20
16035	5704N	2410-21091	00000/0000	2-10016/0903	03/07/76	20	5719	24.2	150.6	GGGG		80	20
16036	6114N	2520-21132	00000/0000	2-10019/1448	06/25/76	50	7253	49.0	147.1	GGGG		82	17
16036	5704N	2662-20584	00000/0000	2-10025/0288	11/14/76	10	9233	12.3	158.6	GGGG		80	20
16037	7153N	2529-22012	00000/0000	2-10020/0253	07/04/76	90	7379	40.5	166.3	GGGG		91	9
16037	6917N	2634-21415	00000/0000	2-10023/1081	10/17/76	90	8843	10.8	168.6	GGGG		88	11
16037	5707N	2644-20592	00000/0000	2-10024/0106	10/27/76	90	8982	17.6	157.8	GPFF		80	20
16037	5434N	2445-21000	00000/0000	2-10017/1263	04/11/76	30	6207	39.7	146.1	GGGG		79	22
16038	6918N	2526-21450	00000/0000	2-10020/0355	07/01/76	90	7337	42.9	160.8	GGGG		88	11
16039	5434N	2589-20561	00000/0000	2-10022/0483	09/02/76	80	8215	38.5	145.7	GGGG		79	22
16041	7151N	2511-22015	00000/0000	2-10019/1150	06/16/76	10	7128	41.2	167.5	GGGG		91	9
16041	6813N	2471-21410	00000/0000	2-10018/0699	05/07/76	40	6570	38.0	162.5	GGGG		87	12
16041	6252N	2575-21170	00000/0000	2-10022/0193	08/19/76	20	8020	37.2	152.5	GGGG		83	16
16041	6252N	2593-21163	00000/0000	2-10022/0664	09/06/76	70	8271	31.3	155.4	GGGG		83	16
16041	6248N	2431-21210	00000/0000	2-10017/0700	03/28/76	0	6012	28.4	155.4	GG G		83	16
16041	6247N	2557-21173	00000/0000	2-10021/0490	08/01/76	40	7769	42.3	150.1	GGGG		83	16
16042	5422N	2535-20574	00000/0000	2-10020/0750	07/10/76	100	7462	51.7	136.3	FGGG		79	22
16043	6812N	2435-21421	00000/0000	2-10017/0773	04/01/76	40	6068	25.7	162.4	GGGG		87	12
16043	5428N	2607-20554	00000/0000	2-10022/1271	09/20/76	50	8466	32.5	149.9	GGGF		79	22
16043	5426N	2427-21004	00000/0000	2-10017/0417	03/24/76	60	5956	32.8	147.4	GGGG		79	22
16044	5425N	2553-20571	00000/0000	2-10021/0329	07/28/76	90	7713	48.5	138.0	GGGG		79	22
16044	5418N	2517-20581	00000/0000	2-10019/1423	06/22/76	40	7211	53.3	136.5	GGGG		79	22
16045	6810N	2561-21384	00000/0000	2-10021/0609	08/05/76	40	7825	37.4	158.9	GGGG		87	12
16045	6659N	2452-21362	00000/0000	2-10017/1505	04/18/76	0	6305	33.1	160.8	GGGG		86	13
16045	6244N	2485-21193	00000/0000	2-10019/0006	05/21/76	10	5765	45.5	153.0	GGGG		83	16
16046	6415N	2468-21251	00000/0000	2-10018/0749	05/04/76	10	6528	40.3	156.4	GGGG		84	15
16046	6239N	2503-21170	00000/0000	2-10019/0722	06/08/76	90	7016	47.9	150.9	GGGG		83	16
16046	5422N	2499-20584	00000/0000	2-10019/0617	06/04/76	100	6980	52.8	138.7	GGGG		79	22

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MBDF ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0804

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	PRESERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16047.	6807N	2489-21404	00000/0000	2-10019/0116	05/25/76	90	6821	42.1	161.4	GGGG		87	12
16047.	6659N	2578-21325	00000/0000	2-10021/1273	08/22/76	90	8062	33.2	158.6	GGGG		86	13
16047.	5421N	2625-20550	00000/0000	2-10023/0638	10/08/76	80	8717	26.3	153.4	GGGG		79	22
16048.	6539N	2469-21303	00000/0000	2-10018/0636	05/05/76	20	6542	39.5	158.4	GGGG		85	14
16048.	6416N	2450-21254	00000/0000	2-10017/1578	04/16/76	10	6277	34.5	157.0	GGGG		84	15
16048.	6246N	2611-21160	00000/0000	2-10022/1422	09/24/76	90	8522	24.8	158.3	GGGG		83	16
16048.	5419N	2409-21011	00000/0000	2-10016/0892	03/06/76	20	5705	25.8	148.5	GGGG		79	22
16048.	5418N	2661-20534	00000/0000	2-10025/0285	11/13/76	60	9219	14.8	157.0	GGGG		79	22
16048.	5416N	2373-21021	00000/0000	2-10015/0284	01/30/76	60	5203	14.0	152.0	GGGG		79	22
16049.	6806N	2615-21371	00000/0000	2-10023/0284	09/28/76	70	8578	18.9	165.1	FFGG		87	12
16049.	6803N	2417-21424	00000/0000	2-10016/1093	03/14/76	10	5817	18.7	161.7	GGGG		87	12
16049.	5419N	2643-20543	00000/0000	2-10024/0010	10/26/76	70	8968	20.1	155.9	GGGG		79	22
16049.	5411N	2391-21014	00000/0000	2-10015/1072	02/17/76	40	5454	19.4	150.0	GGGG		79	22
16050.	6655N	2470-21355	00000/0000	2-10018/0685	05/06/76	10	6556	38.8	160.4	GGGG		86	13
16050.	6540N	2451-21310	00000/0000	2-10017/1485	04/17/76	10	6291	33.7	158.9	GGGG		85	14
16051.	6654N	2596-21322	00000/0000	2-10022/0740	09/09/76	90	8313	27.0	160.9	GGGG		86	13
16051.	6416N	2594-21215	00000/0000	2-10022/0691	09/07/76	20	8285	29.8	157.2	GGGG		84	15
16052.	6413N	2576-21222	00000/0000	2-10021/1363	08/20/76	10	8034	35.9	154.4	GGGG		84	15
16052.	6237N	2539-21160	00000/0000	2-10020/0920	07/14/76	60	7518	46.1	148.9	GGGG		83	16
16053.	6537N	2577-21273	00000/0000	2-10021/1252	08/21/76	70	8048	34.6	156.5	FFGG		85	14
16053.	6235N	2413-21213	00000/0000	2-10016/1009	03/10/76	0	5761	21.4	155.4	GGGG		83	16
16053.	6234N	2395-21220	00000/0000	2-10015/0167	02/21/76	30	5510	14.5	155.9	GGGG		83	16
16053.	5248N	2447-21101	00000/0000	2-10017/1323	04/13/76	0	6235	37.4	150.6	GGGG		81	19
16054.	7053N	2456-21575	00000/0000	2-10018/0107	04/22/76	20	6361	31.2	167.6	GGGG		90	10
16054.	6758N	2393-21431	00000/0000	2-10016/0404	02/25/76	0	5566	11.8	161.5	GGGG		87	12
16054.	6651N	2434-21365	00000/0000	2-10017/0759	03/31/76	10	6054	26.4	160.4	GGGG		86	13
16054.	6237N	2447-21144	00000/0000	2-10024/0137	10/30/76	10	9024	12.0	162.1	FFGG		83	16
16055.	6802N	2633-21363	00000/0000	2-10023/0945	10/16/76	90	8829	12.2	166.8	FFGG		87	12
16055.	6410N	2432-21261	00000/0000	2-10017/0657	03/29/76	10	6026	27.7	157.0	GGGG		84	15
16055.	6234N	2521-21123	00000/0000	2-10020/0072	06/26/76	20	7267	48.1	149.2	GGGG		83	16
16055.	5844N	2573-21055	00000/0000	2-10021/1133	08/17/76	100	7992	40.7	147.0	FFGG		81	19
16055.	5838N	2483-21092	00000/0000	2-10018/1309	05/19/76	70	6737	47.9	147.3	GGGG		81	19
16056.	6801N	2543-21331	00000/0000	2-10020/1134	07/18/76	90	7574	41.6	157.9	GGGG		87	12
16056.	6409N	2612-21211	00000/0000	2-10022/1459	09/25/76	30	8536	23.3	159.9	GGGG		84	15
16056.	6238N	2629-21152	00000/0000	2-10023/0909	10/12/76	70	8773	18.2	160.6	GGGG		83	16

KEYS: CLOUD COVER % ..... 0 TO 100 \* % CLOUD COVER.  
 IMAGE QUALITY ..... PLANKS=3 AND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0805

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS						123 45678				
16056W	5845N	2465-21094	00000/0000	2-10018/0677	05/01/76	40	6486	43.4	149.3	GGGG		81	19
16057W	5802N	2525-21394	00000/0000	2-10020/0319	06/30/76	90	7323	43.9	158.3	GGG		87	12
16058W	5836N	2595-21270	00000/0000	2-10022/0704	09/08/76	90	8299	28.4	159.0	GGGG		85	14
16058W	6407N	2558-21225	00000/0000	2-10021/0503	08/02/76	50	7783	41.2	152.2	GGGG		84	15
16059W	6649N	2614-21315	00000/0000	2-10023/0143	09/27/76	80	8564	20.3	163.3	GGGF		86	13
16059W	6533N	2433-21313	00000/0000	2-10017/0671	03/30/76	10	6040	27.1	158.7	GFGG		85	14
16059W	6530N	2559-21280	00000/0000	2-10021/0543	08/03/76	50	7797	39.9	154.3	GGGG		85	14
16059W	5846N	2591-21062	00000/0000	2-10022/0504	09/04/76	10	8243	35.0	150.5	GGGG		81	19
16100W	7051N	2438-21582	00000/0000	2-10017/0917	04/04/76	30	6110	24.7	166.9	GGGG		90	10
16100W	6649N	2560-21332	00000/0000	2-10021/0561	08/04/76	80	7811	38.7	156.5	GGGG		86	13
16100W	5840N	2429-21105	00000/0000	2-10017/0481	03/26/76	60	5984	30.7	151.2	GGGG		81	19
16101W	7050N	2474-21572	00000/0000	2-10018/0932	05/10/76	0	6612	36.6	167.5	GGGG		90	10
16103W	6402N	2414-21265	00000/0000	2-10016/1047	03/11/76	90	5775	20.7	156.8	GGGG		84	15
16103W	5836N	2555-21072	00000/0000	2-10021/0352	07/30/76	90	7741	45.6	144.0	GGGG		81	19
16104W	6400N	2504-21242	00000/0000	2-10019/0735	06/09/76	10	7030	47.0	153.0	GGGG		84	15
16104W	5831N	2663-21035	00000/0000	2-10025/0322	11/15/76	50	9247	10.8	159.5	GFGG		81	19
16105W	6401N	2540-21232	00000/0000	2-10020/0881	07/15/76	30	7532	45.0	151.1	GGG		84	15
16105W	5835N	2609-21055	00000/0000	2-10022/1439	09/22/76	100	8494	28.8	153.9	GGGG		81	19
16105W	5832N	2537-21075	00000/0000	2-10020/0782	07/12/76	90	7490	49.0	142.6	GFGG		81	19
16106W	7051N	2582-21543	00000/0000	2-10022/0102	08/26/76	20	8118	28.8	165.8	GGGG		90	10
16106W	6642N	2416-21372	00000/0000	2-10016/1157	03/13/76	20	5803	19.4	159.9	FFG		86	13
16106W	6642N	2632-21311	00000/0000	2-10023/0781	10/15/76	70	8815	13.7	165.1	GGGG		86	13
16106W	6528N	2613-21263	00000/0000	2-10023/0061	09/26/76	40	8550	21.8	161.5	GGGG		85	14
16106W	6525N	2487-21300	00000/0000	2-10019/0035	05/23/76	10	6793	43.8	157.0	GFGG		85	14
16107W	6523N	2415-21371	00000/0000	2-10017/0035	03/12/76	70	5789	20.0	158.3	FGGG		85	14
16107W	6355N	2396-21272	00000/0000	2-10016/0265	02/22/76	0	5524	13.8	157.1	FGGG		84	15
16107W	5830N	2501-21035	00000/0000	2-10019/0679	06/06/76	80	6988	50.5	144.8	GGGG		81	19
16108W	6358N	2522-21235	00000/0000	2-10020/0118	06/27/76	40	7281	47.1	151.4	GGGG		84	15
16108W	6358N	2648-21200	00000/0000	2-10024/0215	10/31/76	20	9038	10.6	163.3	GGGG		84	15
16108W	6357N	2630-21204	00000/0000	2-10023/0807	10/13/76	90	8787	16.8	162.0	GGGG		84	15
16108W	5829N	2519-21022	00000/0000	2-10020/0025	06/24/76	60	7239	50.8	142.9	GGGG		81	19
16108W	5827N	2375-21122	00000/0000	2-10015/0358	02/01/76	10	5231	11.3	154.3	GGGG		81	19
16109W	7044N	2492-21570	00000/0000	2-10019/0301	05/28/76	70	6863	40.5	166.3	GGGG		90	10
16109W	6643N	2542-21335	00000/0000	2-10020/1054	07/17/76	30	7560	42.8	155.6	GGGG		86	13
16109W	6640N	2506-21345	00000/0000	2-10019/0821	06/11/76	10	7058	45.2	157.3	GGGG		86	13

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=BAND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=UNCOMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=BAND GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANOSAT-2  
COORDINATE LISTING  
FOR IIS

PAGE 0806

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16109	6637N	2398-21390	00000/0000	2-10016/0372	02/24/76	10	5552	12.5	159.9			
16109	6518N	2397-21324	00000/0000	2-10016/0249	02/23/76	10	5538	13.1	158.5	GGGG	86	13
16110	5829N	2645-21043	00000/0000	2-10024/0141	10/28/76	40	8996	16.1	158.9	GGGG	85	14
16111	7046N	2564-21550	00000/0000	2-10021/0758	08/08/76	70	7867	34.6	164.1	GGGG	81	19
16111	6745N	2381-21434	00000/0000	2-10015/0593	02/07/76	10	5315	5.8	161.9	GGGG	90	10
16111	6522N	2631-21260	00000/0000	2-10023/0766	10/14/76	90	8801	15.2	163.5	F GG	87	12
16111	5557N	2464-21045	00000/0000	2-10018/0384	04/30/76	10	6472	45.1	145.9	GGGG	85	14
16112	7047N	2600-21540	00000/0000	2-10023/0012	09/13/76	40	8369	22.3	167.6	GGGG	80	21
16112	6517N	2523-21291	00000/0000	2-10020/0151	06/28/76	10	7295	46.1	153.6	GGGG	90	10
16112	5826N	2411-21117	00000/0000	2-10016/0916	03/08/76	50	5733	23.6	151.7	GGGG	85	14
16113	6521N	2541-21254	00000/0000	2-10020/1001	07/16/76	30	7546	43.9	153.2	GGGG	81	19
16113	6520N	2505-21294	00000/0000	2-10019/0785	06/10/76	60	7044	46.1	155.1	GGGG	85	14
16113	5559N	2446-21052	00000/0000	2-10017/1297	04/12/76	20	6221	39.1	147.6	GGGG	85	14
16114	7044N	2618-21532	00000/0000	2-10023/0382	10/01/76	90	8620	15.5	169.5	GGGG	80	21
16114	6637N	2524-21343	00000/0000	2-10020/0208	06/29/76	70	7309	45.1	155.8	GGGG	90	10
16116	5552N	2482-21042	00000/0000	2-10018/1233	05/18/76	80	6723	49.6	143.5	GGGG	86	13
16117	6629N	2488-21353	00000/0000	2-10019/0069	05/24/76	60	6807	43.2	158.6	GGGG	80	21
16117	5558N	2572-21015	00000/0000	2-10021/1090	08/16/76	60	7978	42.8	143.4	GGGG	86	13
16118	5557N	2590-21013	00000/0000	2-10022/0424	09/03/76	80	8229	37.3	147.4	GGGG	80	21
16118	5552N	2428-21060	00000/0000	2-10017/0431	03/25/76	50	5970	32.3	148.6	GGGG	80	21
16119	7039N	2420-21590	00000/0000	2-10017/0118	03/17/76	10	5859	17.8	165.9	GGGG	80	21
16120	6010N	2448-21153	00000/0000	2-10017/1336	04/14/76	0	6249	36.8	152.1	GGFG	90	10
16122	6008N	2466-21150	00000/0000	2-10018/0367	05/02/76	30	6500	42.8	151.0	GGGG	82	18
16122	5547N	2630-20532	00000/0000	2-10025/0851	12/02/76	30	9484	9.5	157.4	GGGG	82	18
16123	7038N	2546-21553	00000/0000	2-10021/0012	07/21/76	70	7616	39.0	163.1	GGGG	80	21
16123	5551N	2554-21023	00000/0000	2-10021/0341	07/29/76	80	7727	47.4	140.1	GPFG	90	10
16124	5545N	2500-21040	00000/0000	2-10019/0570	06/05/76	90	6974	52.1	140.7	GGGG	80	21
16125	6009N	2574-21120	00000/0000	2-10021/1317	08/18/76	90	8006	39.4	148.9	GGGG	80	21
16125	5544N	2536-21030	00000/0000	2-10020/0848	07/11/76	90	7476	50.8	138.4	GGGG	82	18
16125	5541N	2392-21070	00000/0000	2-10016/0114	02/18/76	90	5468	18.6	150.9	GGGG	80	21
16125	5540N	2374-21073	00000/0000	2-10015/0328	01/31/76	10	5217	13.2	152.7	GGGG	80	21
16125	5540N	2410-21063	00000/0000	2-10015/0904	03/07/76	40	5719	25.2	149.5	FFFF	80	21
16126	5541N	2662-20590	00000/0000	2-10025/0289	11/14/76	30	9233	13.4	157.8	GGGG	80	21
16127	6000N	2444-21143	00000/0000	2-10018/1321	05/20/76	10	6751	47.2	149.1	GGGG	80	21
16127	5544N	2626-21002	00000/0000	2-10023/0708	10/09/76	50	8731	24.8	154.6	GGGG	82	18
										GGGG	80	21

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 23, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0807

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION IN ROLL	ROLL NO./ MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBY MSS	MSS DATA M9DF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT								123 45678				
16127.	5544N	2644-20594	00000/0000	2-10024/0107	10/27/76	70	8982	18.7	156.9	GGGG		80	21
16128.	7333N	2402-21573	00000/0000	2-10016/0089	02/28/76	30	5608	10.8	165.3	GGGG		90	10
16128.	6003N	2610-21110	00000/0000	2-10022/1353	09/23/76	90	8508	27.3	155.4	GGGG		82	18
16129.	7035N	2524-21560	00000/0000	2-10020/0455	07/03/76	90	7365	41.7	163.4	GGGG		90	10
16129.	6000N	2556-21124	00000/0000	2-10021/0433	07/31/76	70	7755	44.4	146.1	GGGG		82	18
16131.	7033N	2510-21563	00000/0000	2-10019/1081	06/15/76	10	7114	42.3	164.6	GGGG		90	10
16132.	5954N	2538-21131	00000/0000	2-10020/0870	07/13/76	80	7504	48.0	144.7	GGGG		82	18
16133.	5953N	2646-21095	00000/0000	2-10024/0112	10/29/76	80	9010	14.7	159.9	FFFF		82	18
16134.	5953N	2628-21103	00000/0000	2-10023/0738	10/11/76	30	8759	20.8	158.1	GGGG		82	18
16134.	5952N	2502-211+1	00000/0000	2-10019/0837	06/07/76	70	7002	49.7	146.7	GGGG		82	18
16134.	5951N	2394-21171	00000/0000	2-10016/0155	02/20/76	10	5496	16.2	153.7	GGGG		82	18
16135.	6932N	2473-21520	00000/0000	2-10019/0879	05/03/76	40	6598	37.5	164.9	GGGG		89	11
16135.	5953N	2664-21091	00000/0000	2-10025/0501	11/16/76	90	9261	9.4	160.4	GGGG		82	18
16136.	5952N	2412-21164	00000/0000	2-10016/0974	03/09/76	60	5747	23.0	152.9	GGGG		82	18
16138.	5951N	2520-21134	00000/0000	2-10019/1449	06/25/76	50	7253	49.9	145.0	GGGG		82	18
16140.	6933N	2437-21531	00000/0000	2-10017/0902	04/03/76	10	6096	25.4	164.6	GGGG		89	11
16140.	5947N	2376-21174	00000/0000	2-10015/0401	02/02/76	100	5245	10.6	155.1	GGGG		82	18
16141.	6936N	2551-21491	00000/0000	2-10022/0146	08/25/76	30	8104	30.1	163.3	GGGG		89	11
16144.	6133N	2467-21202	00000/0000	2-10018/0735	05/03/76	10	6514	42.0	152.8	GGGG		83	17
16144.	6131N	2449-21205	00000/0000	2-10017/1441	04/15/76	40	6263	36.2	153.6	GGGG		83	17
16147.	5725N	2447-21104	00000/0000	2-10017/1324	04/13/76	0	6235	38.4	149.0	GGGG		81	20
16148.	5929N	2599-21434	00000/0000	2-10022/0903	09/12/76	40	8355	23.8	165.2	GGGG		89	11
16149.	6130N	2575-21172	00000/0000	2-10022/0194	05/19/76	30	8020	38.2	150.7	GGGG		83	17
16149.	6130N	2593-21165	00000/0000	2-10022/0665	09/06/76	70	8271	32.3	153.8	GGGG		83	17
16149.	6125N	2557-21175	00000/0000	2-10021/0431	08/01/76	80	7769	43.3	148.2	GGGG		83	17
16149.	5715N	2483-21044	00000/0000	2-10018/1310	05/19/76	60	6737	48.9	145.3	GGGG		81	20
16150.	7020N	2384-22000	00000/0000	2-10015/0725	02/10/76	80	5357	4.6	165.2	FFFF		90	10
16150.	6126N	2431-21212	00000/0000	2-10017/0701	03/28/76	10	6012	29.4	153.9	GGGG		83	17
16150.	5722N	2465-21101	00000/0000	2-10018/0678	05/01/76	20	6486	44.4	147.6	GGGG		81	20
16150.	5721N	2573-21071	00000/0000	2-10021/1134	05/17/76	90	7992	41.6	145.3	GGGG		81	20
16151.	5924N	2419-21534	00000/0000	2-10017/0054	03/16/76	30	5845	18.4	163.8	GGGG		89	11
16152.	6926N	2617-21451	00000/0000	2-10023/0248	09/30/76	90	8606	17.0	167.3	GGGG		89	11
16152.	5924N	2441-21514	00000/0000	2-10019/0591	05/27/76	90	6849	41.4	163.7	GGGG		89	11
16153.	6123N	2465-21145	00000/0000	2-10019/0007	05/21/76	10	6765	46.4	151.0	GGGG		83	17
16153.	5723N	2591-21064	00000/0000	2-10022/0505	09/04/76	40	8243	35.9	149.1	GGGG		81	20

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA M9DF ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 23, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US

PAGE 0808

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RELI MSS	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16154	6117N	2503-21193	00000/0000	2-10019/0723	06/08/76	90	7016	48.8	148.8	GGGG			83	17
16154	5717N	2429-21111	00000/0000	2-10017/0482	03/26/76	40	5984	31.6	149.8	GGGG			81	20
16155	6828N	2563-21494	00000/0000	2-10021/0717	08/07/76	90	7853	35.8	161.4	GGGG			89	11
16155	6821N	2454-21471	00000/0000	2-10018/0028	04/20/76	20	6333	32.6	163.0	GFGG			88	12
16157	6124N	2611-21162	00000/0000	2-10022/1423	09/24/76	100	8522	25.9	156.9	GGGG			83	17
16157	5713N	2555-21075	00000/0000	2-10021/0353	07/30/76	90	7741	46.4	142.1	GGGG			81	20
16158	6920N	2527-21504	00000/0000	2-10020/0418	07/02/76	90	7351	42.8	160.8	GGGG			89	11
16158	6115N	2539-21183	00000/0000	2-10020/0921	07/14/76	80	7518	47.0	146.8	GGGG			83	17
16158	5708N	2663-21042	00000/0000	2-10025/0323	11/15/76	70	9247	12.0	158.7	GFGG			81	20
16159	6113N	2395-21223	00000/0000	2-10016/0168	02/21/76	70	5510	15.6	154.8	GGGG			83	17
16159	5709N	2537-21082	00000/0000	2-10020/0783	07/12/76	90	7490	49.8	140.6	GGGG			81	20
16159	5433N	2464-21052	00000/0000	2-10018/0385	04/30/76	70	6472	46.0	144.2	GGGG			80	22
16200	6254N	2468-21254	00000/0000	2-10018/0750	05/04/76	10	6528	41.3	154.5	GGGG			84	16
16200	5711N	2609-21061	00000/0000	2-10022/1440	09/22/76	90	8494	29.8	152.7	GGGG			81	20
16201	6113N	2413-21227	00000/0000	2-10016/1010	03/10/76	0	5761	22.4	154.0	GGGG			83	17
16201	5707N	2501-21092	00000/0000	2-10019/0680	06/06/76	70	6988	51.4	142.7	GGGG			81	20
16201	5435N	2446-21055	00000/0000	2-10017/1238	04/12/76	90	6221	40.0	146.1	GFGG			80	22
16202	6255N	2450-21261	00000/0000	2-10017/1579	04/16/76	10	6277	35.5	155.3	GGGG			84	16
16202	6116N	2647-21151	00000/0000	2-10024/0198	10/30/76	30	9024	13.2	161.0	GGGG			83	17
16202	6112N	2521-21190	00000/0000	2-10020/0073	06/26/76	40	7267	49.0	147.0	GGGG			83	17
16202	5706N	2519-21055	00000/0000	2-10020/0026	06/24/76	80	7239	51.6	140.8	GGGG			81	20
16202	5704N	2375-21124	00000/0000	2-10015/0359	02/01/76	70	5231	12.4	153.5	GGGG			81	20
16203	6917N	2509-21511	00000/0000	2-10019/0986	06/14/76	70	7100	43.3	162.0	GGGG			89	11
16203	6116N	2629-21155	00000/0000	2-10023/0910	10/12/76	60	8773	19.4	159.4	GGGG			83	17
16203	5428N	2482-21045	00000/0000	2-10014/1234	05/15/76	80	6723	50.4	141.6	GGFG			80	22
16204	6914N	2401-21541	00000/0000	2-10016/0513	02/27/76	70	5594	11.5	163.2	GGGF			89	11
16204	6814N	2472-21465	00000/0000	2-10014/0815	05/08/76	80	6584	38.3	162.6	GGGG			84	12
16204	5706N	2645-21050	00000/0000	2-10024/0142	10/28/76	50	8996	17.2	157.9	GGGG			81	20
16204	5434N	2572-21022	00000/0000	2-10021/1091	08/16/76	70	7978	43.7	141.8	GGGG			80	22
16205	6820N	2580-21435	00000/0000	2-10021/1379	08/24/76	90	8090	31.5	161.0	GGGG			88	12
16205	6254N	2594-21221	00000/0000	2-10022/0692	09/07/76	20	8285	30.9	155.6	GGGG			84	16
16206	6920N	2545-21501	00000/0000	2-10020/1256	07/20/76	70	7602	40.2	160.4	GGGG			89	11
16206	6916N	2535-21473	00000/0000	2-10022/1097	10/18/76	80	8857	10.4	168.6	GFGG			89	11
16206	6251N	2576-21224	00000/0000	2-10021/1364	08/20/76	40	8034	36.9	152.6	GGGG			84	16
16206	5703N	2411-21115	00000/0000	2-10016/0917	03/08/76	30	5733	24.7	150.5	GGGG			81	20

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=RAV NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 26, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0809

FBR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	SERVIATION ID	MICROFIL POSITION IN ROLL RBV	ROLL NO. IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBV NUM.
16206	5429N	2428-21062	00000/0000	2-10017/0432	03/25/76	10	5970	33.2	147.3	GGGG		80	22
16207	6813N	2598-21432	00000/0000	2-10022/0876	09/11/76	70	8341	25.2	163.1	GGGG		88	12
16207	5433N	2590-21015	00000/0000	2-10022/0425	09/03/76	60	8229	38.2	145.9	GGGG		80	22
16208	6813N	2436-21475	00000/0000	2-10017/0888	04/02/76	10	6082	26.1	162.4	GGGG		88	12
16209	6249N	2432-21264	00000/0000	2-10017/0658	03/29/76	20	6026	28.8	155.4	GGGG		84	16
16210	5418N	2469-21305	00000/0000	2-10018/0637	05/05/76	40	6542	40.5	156.4	GGGG		85	15
16210	5427N	2554-21025	00000/0000	2-10021/0342	07/29/76	90	7727	48.2	138.2	GGGG		80	22
16210	5423N	2650-20554	00000/0000	2-10025/0852	12/02/76	40	9484	10.6	156.7	GGGG		80	22
16211	6419N	2451-21312	00000/0000	2-10017/0486	04/17/76	0	6291	34.8	157.0	GGGG		85	15
16211	5246N	2556-21231	00000/0000	2-10021/0504	08/02/76	90	7783	42.1	150.2	GGGG		84	16
16211	5421N	2500-21042	00000/0000	2-10019/0571	06/05/76	90	6974	52.9	138.6	GGGG		80	22
16212	5420N	2536-21032	00000/0000	2-10022/0849	07/11/76	50	7476	51.6	136.3	GGGG		80	22
16213	5417N	2374-21075	00000/0000	2-10015/0329	01/31/76	50	5217	14.2	151.9	FFFF		80	22
16213	5417N	2392-21073	00000/0000	2-10016/0115	02/18/76	100	5468	19.6	149.9	GGGG		80	22
16213	5417N	2410-21070	00000/0000	2-10016/0905	03/07/76	50	5719	26.2	148.4	GGGG		80	22
16213	5417N	2662-20593	00000/0000	2-10025/0290	11/14/76	60	9233	14.5	157.0	GGGG		80	22
16214	6807N	2616-21425	00000/0000	2-10023/0299	09/29/76	90	8592	18.5	165.3	GGGG		88	12
16214	6806N	2490-21440	00000/0000	2-10019/0138	05/26/76	90	6835	42.3	161.3	GGGG		88	12
16214	6700N	2453-21420	00000/0000	2-10017/0606	04/19/76	10	6319	33.4	160.8	GGGG		87	13
16215	7055N	2437-22032	00000/0000	2-10018/0129	04/23/76	50	6375	31.5	167.6	GGGG		91	10
16215	6539N	2452-21364	00000/0000	2-10017/0506	04/18/76	10	6305	34.1	158.8	GGGG		86	14
16215	6415N	2577-21280	00000/0000	2-10021/0253	08/21/76	40	8048	35.6	154.6	GGGG		85	15
16215	5421N	2615-21005	00000/0000	2-10023/0709	10/09/76	60	8731	25.9	153.6	GGGG		80	22
16215	5420N	2644-21001	00000/0000	2-10024/0108	10/27/76	60	8982	19.8	156.0	GGGG		80	22
16216	6809N	2562-21442	00000/0000	2-10021/0633	08/06/76	30	7839	37.1	158.9	GGGG		88	12
16216	5241N	2414-21271	00000/0000	2-10016/0448	03/11/76	100	5775	21.7	155.4	GGGG		84	16
16217	6238N	2504-21244	00000/0000	2-10019/0736	06/09/76	10	7030	48.0	150.8	GGGG		84	16
16218	6539N	2578-21331	00000/0000	2-10021/0274	08/22/76	90	8062	34.2	156.7	GGGG		86	14
16218	6240N	2540-21234	00000/0000	2-10020/0882	07/15/76	60	7532	45.9	148.9	GGG		84	16
16218	5847N	2448-21160	00000/0000	2-10017/0337	04/14/76	0	6249	37.8	150.5	GGGG		82	19
16219	6903N	2353-21545	00000/0000	2-10015/0779	02/09/76	20	5343	5.3	163.4	GGGG		89	11
16220	6804N	2418-21472	00000/0000	2-10017/0448	03/15/76	80	5831	19.1	161.8	PPFG		88	12
16220	6803N	2544-21445	00000/0000	2-10022/0231	07/19/76	50	7588	41.4	158.0	GGGG		88	12
16220	6653N	2471-21413	00000/0000	2-10018/0700	05/07/76	10	6570	39.1	160.3	GGGG		87	13
16220	6534N	2470-21361	00000/0000	2-10018/0686	05/06/76	30	6556	39.8	158.3	GGGG		86	14

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS) = RANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODF ..... (BLANK) = COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK) = LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANH SAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0810

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16220W	6414N	2595-21273	00000/0000	2-10022/0705	09/08/76	90	8299	29.5	157.3	GGGG		85	15
16220W	6412N	2433-21320	00000/0000	2-10017/0672	03/30/76	10	6040	28.1	157.0	GGGG		85	15
16220W	6409N	2559-21283	00000/0000	2-10021/0544	08/03/76	90	7797	40.9	152.3	GGGG		85	15
16220W	6237N	2648-21203	00000/0000	2-10024/0216	10/31/76	30	9038	11.7	162.2	GGGG		84	16
16220W	6234N	2396-21275	00000/0000	2-10016/0266	02/22/76	0	5524	14.9	155.9	GGGG		84	16
16221W	6652N	2435-21423	00000/0000	2-10017/0774	04/01/76	20	6068	26.8	160.4	GGGG		87	13
16221W	6534N	2596-21325	00000/0000	2-10022/0741	09/09/76	90	8313	28.1	159.2	GGGG		86	14
16221W	6236N	2522-21242	00000/0000	2-10020/0119	06/27/76	10	7281	48.0	149.2	GGGG		84	16
16221W	6235N	2630-21211	00000/0000	2-10023/0808	10/13/76	90	8787	17.9	160.7	GGGG		84	16
16221W	5845N	2466-21153	00000/0000	2-10018/0368	05/02/76	10	6500	43.7	149.2	GGGG		82	19
16222W	6800N	2508-21455	00000/0000	2-10019/0455	06/13/76	20	7086	44.2	159.6	GGGG		88	12
16224W	6757N	2400-21490	00000/0000	2-10016/0453	02/26/76	20	5580	12.2	161.5	GGGG		88	12
16224W	6651N	2561-21390	00000/0000	2-10021/0610	08/05/76	50	7825	38.4	156.6	GGGG		87	13
16224W	6531N	2434-21371	00000/0000	2-10017/0760	03/31/76	10	6054	27.5	158.6	GGGG		86	14
16225W	6800N	2526-21453	00000/0000	2-10020/0356	07/01/76	90	7337	43.9	158.2	GGGG		88	12
16225W	6648N	2489-21410	00000/0000	2-10019/0117	05/25/76	90	6821	43.1	159.1	GGGG		87	13
16225W	5838N	2484-21150	00000/0000	2-10018/1322	05/20/76	20	6751	48.1	147.1	GGGG		82	19
16226W	6404N	2487-21303	00000/0000	2-10019/0036	05/23/76	10	6793	44.9	154.8	GGGG		85	15
16226W	5845N	2592-21120	00000/0000	2-10022/0517	09/05/76	90	8257	34.6	150.7	GGGG		82	19
16226W	5841N	2430-21163	00000/0000	2-10017/0505	03/27/76	0	5998	31.0	151.2	GGGG		82	19
16227W	6759N	2634-21421	00000/0000	2-10023/1082	10/17/76	90	8843	11.9	166.8	GGGG		88	12
16227W	6407N	2613-21270	00000/0000	2-10023/0062	09/26/76	70	8550	22.9	160.0	GGGG		85	15
16227W	6403N	2415-21323	00000/0000	2-10017/0036	03/12/76	40	5789	21.0	156.8	GGGG		85	15
16227W	5840N	2610-21113	00000/0000	2-10022/1354	09/23/76	90	8508	28.3	154.2	GGGG		82	19
16227W	5838N	2556-21130	00000/0000	2-10021/0434	07/31/76	80	7755	45.3	144.2	GGGG		82	19
16228W	6647N	2615-21373	00000/0000	2-10023/0280	09/28/76	70	8578	20.0	163.4	G		87	13
16228W	6643N	2417-21431	00000/0000	2-10016/1094	03/14/76	20	5817	19.8	160.0	GGGG		87	13
16229W	7053N	2583-22001	00000/0000	2-10022/0212	08/27/76	40	8132	28.4	165.9	GGGG		91	10
16229W	6529N	2560-21335	00000/0000	2-10021/0562	08/04/76	70	7811	39.7	154.4	GGGG		86	14
16229W	6529N	2614-21321	00000/0000	2-10023/0144	09/27/76	80	8564	21.5	161.7	GGGG		86	14
16230W	6358N	2397-21330	00000/0000	2-10016/0250	02/23/76	10	5538	14.2	157.1	GGGG		85	15
16230W	6356N	2523-21293	00000/0000	2-10020/0152	06/28/76	40	7295	47.0	151.3	GGGG		85	15
16230W	5832N	2538-21133	00000/0000	2-10020/0871	07/13/76	90	7504	48.9	142.6	GGGG		82	19
16231W	6639N	2399-21434	00000/0000	2-10016/0405	02/25/76	0	5566	12.8	159.9	GGGG		87	13
16231W	6400N	2631-21262	00000/0000	2-10023/0767	10/14/76	90	8801	16.4	162.1	GGGG		85	15

KEYS: CLUD COVER % ..... 0 TO 100 % CLUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 24, 1977

LANOSAT-2  
COORDINATE LISTING  
FOR US

PAGE 0811

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16231	6359N	2649-21254	00000/0000	2-10024/0313	11/01/76	20	9052	10.3	163.4		GGGG			85	15
16231	5831N	2646-21102	00000/0000	2-10024/0113	10/29/76	60	9010	15.8	158.9		FFGF			82	19
16232	6400N	2541-21290	00000/0000	2-10020/1002	07/16/76	30	7546	44.9	151.0		FFGF			85	15
16232	5830N	2628-21110	00000/0000	2-10023/0739	10/11/76	30	8759	22.0	157.0		FFFF			82	19
16232	5829N	2394-21174	00000/0000	2-10016/0156	02/20/76	10	5496	17.3	152.7		FGGG			82	19
16232	5829N	2502-21143	00000/0000	2-10019/0888	06/07/76	90	7002	50.6	144.6		GGGG			82	19
16233	7049N	2439-22041	00000/0000	2-10017/1010	04/05/76	50	6124	25.1	166.9		GGG			91	10
16233	6643N	2633-21370	00000/0000	2-10023/0946	10/16/76	90	8829	13.4	165.2		GGGG			87	13
16233	6522N	2416-21375	00000/0000	2-10016/1158	03/13/76	50	5803	20.4	158.3		FFF			86	14
16233	6359N	2505-21300	00000/0000	2-10019/0786	06/10/76	60	7044	47.1	152.9		GGGG			85	15
16233	5830N	2664-21093	00000/0000	2-10025/0502	11/16/76	90	9261	10.6	159.5		GGGG			82	19
16234	6641N	2543-21394	00000/0000	2-10020/1135	07/18/76	90	7574	42.6	155.5		FGGG			87	13
16234	6522N	2632-21314	00000/0000	2-10023/0782	10/15/76	70	8815	14.9	163.6		GGGG			86	14
16234	5829N	2412-21171	00000/0000	2-10016/0975	03/09/76	80	5747	24.0	151.7		GGGG			82	19
16235	6641N	2525-21401	00000/0000	2-10020/0320	06/30/76	100	7323	44.9	155.9		GGG			87	13
16235	5828N	2520-21141	00000/0000	2-10019/1450	06/25/76	70	7253	50.8	142.8		GGGG			82	19
16236	7045N	2601-21594	00000/0000	2-10022/1002	09/14/76	90	8383	21.9	167.7		GGGG			91	10
16236	6519N	2506-21352	00000/0000	2-10019/0822	06/11/76	0	7058	46.2	155.0		GGGG			86	14
16236	6517N	2398-21382	00000/0000	2-10016/0373	02/24/76	30	5552	13.5	158.4		GGGG			86	14
16237	6523N	2542-21342	00000/0000	2-10020/1055	07/17/76	90	7560	43.7	153.3		GGGG			87	13
16238	6638N	2507-21404	00000/0000	2-10019/1021	06/12/76	10	7072	45.2	157.2		GGGF			82	19
16238	5824N	2376-21150	00000/0000	2-10015/0402	02/02/76	100	5245	11.6	154.2		GGGG			81	21
16238	5601N	2447-21110	00000/0000	2-10017/1325	04/13/76	0	6235	39.4	147.5		GGGG			88	12
16239	6745N	2352-21493	00000/0000	2-10015/0712	02/08/76	50	5329	6.1	161.8		FFFF			81	21
16240	5551N	2483-21101	00000/0000	2-10018/1311	05/19/76	80	6737	49.8	143.4		GGGG			86	14
16241	6517N	2524-21345	00000/0000	2-10020/0209	06/29/76	70	7309	46.0	153.5		GGGG			81	21
16241	5559N	2465-21103	00000/0000	2-10014/0679	05/01/76	40	6486	45.3	145.8		GGGG			81	21
16241	5557N	2573-21074	00000/0000	2-10021/1135	08/17/76	90	7992	42.5	143.6		FFGF			81	21
16242	7043N	2493-22024	00000/0000	2-10019/0058	05/29/76	90	6877	40.6	166.2		GGGG			91	10
16243	7045N	2565-22004	00000/0000	2-10021/0902	08/09/76	80	7881	34.2	164.1		GGGG			91	10
16243	6509N	2488-21355	00000/0000	2-10019/0070	05/24/76	30	6807	44.2	156.4		GGGG			86	14
16243	5559N	2591-21071	00000/0000	2-10022/0506	09/04/76	70	8243	36.9	147.6		GGGF			81	21
16244	5553N	2429-21114	00000/0000	2-10017/0483	03/26/76	30	5984	32.6	148.5		GGGG			81	21
16245	7040N	2619-21591	00000/0000	2-10023/0423	10/02/76	70	8634	15.1	169.5		GFF			91	10
16245	7039N	2421-22044	00000/0000	2-10017/0134	03/18/76	20	5873	18.2	165.9		GGFG			91	10

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0812

FBR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
16247N	6626N	2381-21441	00000/0000	2-10015/0594	02/07/76	30	5315	6.8	160.4	F GG	87	13
16247W	6010N	2467-21204	00000/0000	2-10018/0740	05/03/76	10	6514	43.0	151.0	GGGG	83	18
16247W	6008N	2449-21211	00000/0000	2-10017/1442	04/15/76	80	6263	37.2	152.0	FGFG	83	18
16247W	5549N	2555-21081	00000/0000	2-10021/0354	07/30/76	90	7741	47.2	140.2	GGGG	81	21
16247W	5547N	2631-21040	00000/0000	2-10025/0766	12/03/76	100	9498	9.3	157.3	GGGG	81	21
16249W	7039N	2547-22011	00000/0000	2-10021/0081	07/22/76	80	7630	38.8	163.2	GGGG	91	10
16249W	5546N	2537-21084	00000/0000	2-10020/0784	07/12/76	80	7490	50.6	138.5	GGGG	81	21
16250W	5547N	2609-21064	00000/0000	2-10022/1441	09/22/76	60	8494	30.9	151.5	GGGG	81	21
16250W	5544N	2663-21044	00000/0000	2-10025/0324	11/15/76	80	9247	13.1	157.9	GGGG	81	21
16251W	6003N	2557-21132	00000/0000	2-10021/0492	08/01/76	70	7769	44.2	146.2	GGGG	83	18
16251W	5544N	2501-21094	00000/0000	2-10019/0681	06/06/76	40	6988	52.2	140.5	GGGG	81	21
16252W	6008N	2575-21175	00000/0000	2-10022/0195	08/19/76	40	8020	39.2	149.0	FGFG	83	18
16252W	6006N	2593-21172	00000/0000	2-10022/0666	09/06/76	30	8271	33.3	152.3	GGGG	83	18
16252W	6004N	2431-21215	00000/0000	2-10017/0702	03/28/76	10	6012	30.4	152.5	GGGG	83	18
16252W	5542N	2519-21091	00000/0000	2-10020/0027	06/24/76	70	7239	52.4	138.6	GGGG	81	21
16252W	5540N	2375-21131	00000/0000	2-10015/0360	02/01/76	60	5231	13.4	152.6	GGGG	81	21
16252W	5540N	2393-21124	00000/0000	2-10016/0144	02/19/76	90	5482	19.0	150.8	GGGG	81	21
16253W	7037N	2529-22014	00000/0000	2-10020/0254	07/04/76	90	7379	41.6	163.4	GGFG	91	10
16255W	5543N	2645-21052	00000/0000	2-10024/0143	10/28/76	40	8996	18.4	157.0	GGGG	81	21
16256W	6000N	2485-21202	00000/0000	2-10019/0008	05/21/76	10	6765	47.4	149.0	GGGG	83	18
16256W	5540N	2411-21121	00000/0000	2-10016/0918	03/08/76	90	5733	25.7	149.4	GGGG	81	21
16257W	5955N	2503-21195	00000/0000	2-10019/0724	06/08/76	90	7016	49.7	146.7	GGGG	83	18
16258W	7034N	2511-22021	00000/0000	2-10019/1151	06/16/76	10	7128	42.3	164.6	GGGG	91	10
16259W	7031N	2385-22054	00000/0000	2-10015/0886	02/11/76	80	5371	4.8	165.4	GGGG	91	10
16259W	6936N	2456-21582	00000/0000	2-10018/0108	04/22/76	10	6341	32.3	165.1	GGGG	90	11
16300W	6001N	2611-21165	00000/0000	2-10022/1424	09/24/76	90	8522	26.9	155.6	GGGG	83	18
16300W	5953N	2539-21185	00000/0000	2-10020/0922	07/14/76	70	7518	47.9	144.7	GGGG	83	18
16300W	5951N	2395-21225	00000/0000	2-10016/0169	02/21/76	100	5510	16.6	153.7	GGGG	83	18
16301W	5946N	2377-21232	00000/0000	2-10015/0443	02/03/76	20	5259	10.9	155.0	FGGG	83	18
16303W	5951N	2413-21222	00000/0000	2-10016/1011	03/10/76	0	5761	23.4	152.8	GGGG	83	18
16303W	5950N	2521-21192	00000/0000	2-10020/0074	06/26/76	80	7267	49.9	144.9	GGGG	83	18
16304W	5953N	2647-21153	00000/0000	2-10024/0199	10/30/76	50	9024	14.3	160.0	GGGG	83	18
16305W	6934N	2438-21585	00000/0000	2-10017/0918	04/04/76	30	6110	25.8	164.6	GGGG	90	11
16305W	5953N	2629-21161	00000/0000	2-10023/0911	10/12/76	90	8773	20.5	158.3	GGGG	83	18
16306W	6933N	2474-21575	00000/0000	2-10018/0933	05/10/76	10	6612	37.7	164.9	GGGG	90	11

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0813

PRINCIPAL POINT OF IMAGE	SUBSAMPLING ID	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS.	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA M8DF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16309	N	6131N	2468-21260	00000/0000	2-10018/0751	05/04/76	60	6528	42.3	152.7	GGGG		84	17
16310	N	6934N	2582-21545	00000/0000	2-10022/0103	08/26/76	10	8118	29.8	163.4	GGGG		90	11
16310	N	6133N	2450-21263	00000/0000	2-10017/1580	04/16/76	70	6277	36.5	153.6	GGGG		84	17
16312	N	6926N	2492-21572	00000/0000	2-10019/0302	05/28/76	60	6863	41.5	163.7	GGGG		90	11
16313	N	6132N	2594-21224	00000/0000	2-10022/0693	09/07/76	40	8285	31.9	154.0	GGGG		84	17
16313	N	5723N	2448-21162	00000/0000	2-10017/1338	04/14/76	30	6249	38.8	149.0	GGGG		82	20
16314	N	6129N	2576-21231	00000/0000	2-10021/1365	08/20/76	30	8034	37.9	150.9	GGGG		84	17
16315	N	6930N	2564-21552	00000/0000	2-10021/0759	08/08/76	60	7867	35.5	151.5	GGGG		90	11
16315	N	6930N	2600-21542	00000/0000	2-10023/0013	09/13/76	50	8369	23.4	165.4	GGGG		90	11
16315	N	5722N	2466-21155	00000/0000	2-10018/0369	05/02/76	30	6500	44.7	147.5	GGGG		82	20
16317	N	6927N	2618-21535	00000/0000	2-10023/0383	10/01/76	70	8620	16.6	167.4	GGGG		90	11
16317	N	6127N	2432-21270	00000/0000	2-10017/0659	03/29/76	60	6026	29.8	153.9	GGGG		84	17
16318	N	6125N	2612-21220	00000/0000	2-10022/1460	09/25/76	80	8536	25.5	157.1	GGGG		84	17
16318	N	6124N	2558-21234	00000/0000	2-10021/0505	08/02/76	90	7783	43.0	148.2	GGGG		84	17
16318	N	5715N	2484-21152	00000/0000	2-10018/1323	05/20/76	90	6751	49.1	145.2	GGGG		82	20
16319	N	5722N	2574-21125	00000/0000	2-10021/1318	08/18/76	80	8006	41.3	145.5	GGGG		82	20
16320	N	5715N	2556-21133	00000/0000	2-10021/0435	07/31/76	90	7755	46.2	142.3	GGGG		82	20
16321	N	6921N	2420-21592	00000/0000	2-10017/0119	03/17/76	10	5859	18.8	163.7	GGGG		90	11
16321	N	5721N	2592-21123	00000/0000	2-10022/0518	09/05/76	90	8257	35.6	149.2	GGGG		82	20
16321	N	5718N	2430-21165	00000/0000	2-10017/0506	03/27/76	0	5998	32.0	149.8	GGGG		82	20
16323	N	6118N	2414-21274	00000/0000	2-10014/1049	03/11/76	100	5775	22.7	154.1	GGGG		84	17
16323	N	5717N	2610-21115	00000/0000	2-10022/1355	09/23/76	90	8508	29.4	152.9	GGGG		82	20
16324	N	6117N	2540-21241	00000/0000	2-10020/0883	07/15/76	70	7532	46.8	146.8	GGGG		84	17
16324	N	6116N	2504-21251	00000/0000	2-10019/0737	06/09/76	30	7030	48.9	148.7	GGGG		84	17
16324	N	5709N	2538-21140	00000/0000	2-10020/0872	07/13/76	90	7504	49.7	140.6	GGGG		82	20
16325	N	6921N	2546-21555	00000/0000	2-10021/0013	07/21/76	70	7616	40.0	160.5	GGGG		90	11
16325	N	6257N	2451-21315	00000/0000	2-10017/1487	04/17/76	0	6291	35.8	155.3	GGGG		85	16
16325	N	6256N	2469-21312	00000/0000	2-10018/0638	05/05/76	30	6542	41.6	154.5	GGGG		85	16
16325	N	5706N	2394-21140	00000/0000	2-10016/0157	02/20/76	10	5496	18.3	151.7	GGGG		82	20
16326	N	6919N	2636-21531	00000/0000	2-10023/1136	10/19/76	20	8871	10.0	168.7	PFFF		90	11
16326	N	6813N	2473-21523	00000/0000	2-10018/0880	05/09/76	90	6598	38.5	162.5	GGGG		89	12
16326	N	5707N	2628-21112	00000/0000	2-10023/0740	10/11/76	40	8759	23.1	155.9	GGGG		82	20
16326	N	5707N	2646-21104	00000/0000	2-10024/0114	10/29/76	80	9010	16.9	158.0	GGGF		82	20
16326	N	5706N	2502-21150	00000/0000	2-10019/0889	06/07/76	100	7002	51.5	142.5	GGGG		82	20
16326	N	5437N	2447-21113	00000/0000	2-10017/1326	04/13/76	20	6235	40.3	146.0	GGGG		81	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0014

FBR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	GRAVITY NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16327N	6115N	2648-21205	00000/0000	2-10024/0217	10/31/76	20	9038	12.9	161.1	GGGG		84	17
16327W	6112N	2396-21281	00000/0000	2-10016/0267	02/22/76	20	5524	15.9	154.7	FFFF		84	17
16327W	5707N	2664-21100	00000/0000	2-10025/0503	11/16/76	90	9261	11.7	158.7	GGGG		82	20
16327W	5706N	2412-21173	00000/0000	2-10016/0976	03/09/76	90	5747	25.0	150.5	GGGG		82	20
16328N	6816N	2455-21530	00000/0000	2-10018/0220	04/21/76	50	6347	33.1	162.8	GGGG		89	12
16328N	6114N	2522-21244	00000/0000	2-10020/0120	06/27/76	30	7281	48.9	147.0	GGGG		84	17
16328W	6113N	2630-21213	00000/0000	2-10023/0809	10/13/76	90	8787	19.0	159.5	GGGG		84	17
16328W	5705N	2520-21143	00000/0000	2-10019/1451	06/25/76	70	7253	51.6	140.7	GGGG		82	20
16328W	5435N	2465-21110	00000/0000	2-10018/0680	05/01/76	60	6486	46.2	144.1	GGGG		81	22
16328W	5427N	2483-21103	00000/0000	2-10018/1312	05/19/76	90	6737	50.6	141.4	FFFF		81	22
16329W	6918N	2528-21563	00000/0000	2-10020/0456	07/03/76	90	7365	42.7	160.7	GGGG		90	11
16329W	6254N	2577-21282	00000/0000	2-10021/1254	08/21/76	30	8048	36.6	152.8	GGGG		85	16
16329W	5433N	2573-21080	00000/0000	2-10021/1136	08/17/76	90	7992	43.4	142.0	GGGG		81	22
16330W	6916N	2402-22020	00000/0000	2-10016/0084	02/28/76	70	5608	11.9	163.3	GGGG		90	11
16331W	6915N	2510-21570	00000/0000	2-10019/1082	06/15/76	10	7114	43.3	161.9	GGGG		90	11
16331W	6814N	2437-21533	00000/0000	2-10017/0903	04/03/76	20	6096	26.5	162.5	GGGG		89	12
16332W	6817N	2581-21499	00000/0000	2-10022/0146	08/25/76	40	8104	31.2	161.1	GGGG		89	12
16332W	5701N	2376-21183	00000/0000	2-10015/0403	02/02/76	100	5245	12.7	153.3	GGGG		82	20
16332W	5435N	2591-21073	00000/0000	2-10022/0507	09/04/76	30	8243	37.9	146.2	GGGG		81	22
16332W	5429N	2429-21120	00000/0000	2-10017/0484	03/26/76	30	5984	33.6	147.3	GGGG		81	22
16334W	6253N	2595-21275	00000/0000	2-10022/0736	09/08/76	90	8299	30.5	155.7	GGGG		85	16
16335W	6702N	2454-21474	00000/0000	2-10018/0029	04/20/76	10	6333	33.7	160.9	GGGG		88	13
16335W	6251N	2433-21322	00000/0000	2-10017/0673	03/30/76	10	6040	29.1	155.4	GGGG		85	16
16335W	5426N	2555-21034	00000/0000	2-10021/0355	07/30/76	100	7741	48.0	138.3	GGGG		81	22
16335W	5423N	2681-21042	00000/0000	2-10025/0767	12/03/76	90	9498	10.4	156.6	GGGG		81	22
16337W	6417N	2452-21371	00000/0000	2-10017/1507	04/18/76	0	6305	35.2	157.0	GGGG		86	15
16337W	5422N	2537-21091	00000/0000	2-10020/0785	07/12/76	90	7490	51.4	136.4	GGGG		81	22
16337W	5421N	2663-21051	00000/0000	2-10025/0325	11/15/76	40	9247	14.2	157.1	GGGG		81	22
16338W	6811N	2599-21490	00000/0000	2-10022/0904	09/12/76	70	8355	24.9	163.2	GGGG		89	12
16338W	5423N	2609-21070	00000/0000	2-10022/1442	09/22/76	70	8404	31.9	150.3	GGGG		81	22
16338W	5420N	2501-21101	00000/0000	2-10019/0682	06/06/76	40	6988	53.0	138.4	GGGG		81	22
16339W	6242N	2437-21305	00000/0000	2-10019/0037	05/23/76	10	6793	45.9	152.7	GGGG		85	16
16339W	5418N	2519-21094	00000/0000	2-10020/0028	06/24/76	80	7239	53.2	136.4	FFFF		81	22
16339W	5417N	2393-21131	00000/0000	2-10016/0145	02/19/76	90	5482	20.0	149.8	GGGG		81	22
16340W	6242N	2415-21330	00000/0000	2-10017/0037	03/12/76	30	5789	22.1	155.4	GGGG		85	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0815

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
LONG LAT								123 45678				
16340W	5416N	2375-21133	00000/0000	2-10015/0361	02/01/76	90	5231	14.5	151.8	GGGG	81	22
16341W	6805N	2419-21541	00000/0000	2-10017/0085	03/16/76	10	5845	19.5	161.8	GGGG	89	12
16341W	6244N	2613-21272	00000/0000	2-10023/0063	09/26/76	70	8550	24.0	158.6	GGGG	85	16
16342W	6807N	2617-21483	00000/0000	2-10023/0249	09/30/76	90	8506	18.1	165.4	GGGG	89	12
16342W	6805N	2491-21520	00000/0000	2-10019/0592	05/27/76	70	6849	42.5	161.2	GGGG	89	12
16342W	6413N	2470-21364	00000/0000	2-10018/0687	05/06/76	10	6556	40.9	156.3	GGGG	86	15
16342W	6413N	2596-21331	00000/0000	2-10022/0742	09/09/76	90	8313	29.1	157.5	GGGG	86	15
16342W	6234N	2523-21300	00000/0000	2-10020/0153	06/28/76	10	7295	48.0	149.1	FGGG	85	16
16343W	6654N	2472-21471	00000/0000	2-10018/0816	05/08/76	90	6584	39.3	160.3	GGGG	88	13
16343W	6238N	2649-21261	00000/0000	2-10024/0314	11/01/76	30	9052	11.4	162.2	GGGG	85	16
16343W	6236N	2397-21333	00000/0000	2-10016/0251	02/23/76	10	5538	15.2	155.9	GGGG	85	16
16343W	5419N	2645-21055	00000/0000	2-10024/0144	10/28/76	50	8996	19.5	156.1	GGGG	81	22
16344W	6540N	2453-21422	00000/0000	2-10017/1607	04/19/76	10	6319	34.5	158.9	FFGF	87	14
16344W	6239N	2631-21265	00000/0000	2-10023/0768	10/14/76	90	8801	17.5	160.9	GGGG	85	16
16344W	5416N	2411-21124	00000/0000	2-10016/0919	03/08/76	50	5733	26.6	148.3	GGGG	81	22
16345W	6810N	2569-21500	00000/0000	2-10021/0718	08/07/76	40	7853	36.9	159.0	GGGG	89	12
16345W	6700N	2580-21441	00000/0000	2-10021/1380	08/24/76	90	8090	32.5	158.9	GGGG	88	13
16345W	6410N	2434-21374	00000/0000	2-10017/0761	03/31/76	10	6054	28.5	157.0	GGGG	86	15
16346W	6801N	2527-21511	00000/0000	2-10020/0419	07/02/76	90	7351	43.8	158.2	GGGG	89	12
16346W	6654N	2436-21431	00000/0000	2-10017/0889	06/02/76	20	6082	27.2	160.5	GGGG	88	13
16346W	6654N	2598-21435	00000/0000	2-10022/0877	09/11/76	90	8341	26.3	161.2	GGGG	88	13
16346W	6239N	2541-21293	00000/0000	2-10020/1003	07/16/76	40	7546	45.8	148.9	FGGG	85	16
16346W	6237N	2505-21303	00000/0000	2-10019/0787	06/10/76	10	7044	48.0	150.7	GGGG	85	16
16346W	5845N	2449-21214	00000/0000	2-10017/1443	04/15/76	80	6263	38.2	150.4	FFFF	83	19
16348W	7053N	2458-22092	00000/0000	2-10018/0168	04/24/76	100	6389	31.9	167.6	GGGG	92	10
16349W	6533N	2471-21415	00000/0000	2-10018/0731	05/07/76	20	6570	40.1	158.2	GGGG	87	14
16350W	6902N	2384-22003	00000/0000	2-10015/0726	02/10/76	40	5357	5.7	163.3	FFFF	90	11
16350W	6532N	2435-21430	00000/0000	2-10017/0775	04/01/76	10	6068	27.9	158.7	GGGG	87	14
16350W	6407N	2560-21341	00000/0000	2-10021/0563	08/04/76	80	7811	40.6	152.4	FGGG	86	15
16350W	5845N	2575-21181	00000/0000	2-10022/0196	08/19/76	60	8020	40.1	147.3	FGGG	83	19
16350W	5841N	2431-21221	00000/0000	2-10017/0703	03/28/76	10	6012	31.4	151.1	GGGG	83	19
16350W	5840N	2557-21184	00000/0000	2-10021/0493	08/01/76	90	7769	45.0	144.4	GGGG	83	19
16351W	6407N	2614-21324	00000/0000	2-10023/0145	09/27/76	90	8564	22.6	160.2	GGGG	86	15
16351W	5844N	2593-21174	00000/0000	2-10022/0667	09/06/76	30	8271	34.3	150.9	FGGG	83	19
16352W	6759N	2509-21514	00000/0000	2-10019/0987	06/14/76	30	7100	44.3	159.4	FGGG	89	12

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01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0816

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBL MSS.	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16352N	6756N	2401	21544	00000/0000	2-10016/0514	02/27/76	10	5594	12.6	161.5	GGGG	89	12
16352N	6646N	2490	21465	00000/0000	2-10019/0199	05/26/76	70	6835	43.3	158.9	GGGG	88	13
16353W	6801N	2545	21504	00000/0000	2-10020/1257	07/20/76	80	7602	41.2	157.9	GGGG	89	12
16353W	6647N	2616	21431	00000/0000	2-10023/0300	09/29/76	90	8592	19.6	163.5	GGGG	88	13
16353N	6401N	2416	21381	00000/0000	2-10016/1159	03/13/76	10	5803	21.5	156.8	GFG	86	15
16354W	6758N	2635	21450	00000/0000	2-10023/1098	10/18/76	90	8857	11.6	166.9	GFGG	89	12
16354W	6649N	2562	21445	00000/0000	2-10021/0694	08/06/76	10	7839	38.1	156.7	GGGG	88	13
16354W	6530N	2561	21393	00000/0000	2-10021/0611	08/05/76	50	7825	39.4	154.5	GGGG	87	14
16354W	5837N	2485	21204	00000/0000	2-10019/0009	05/21/76	80	6765	48.3	147.0	GGGG	83	19
16355W	6527N	2489	21413	00000/0000	2-10019/0118	05/25/76	90	6821	44.2	156.8	GGGG	87	14
16355W	6401N	2632	21320	00000/0000	2-10023/0783	10/15/76	80	8815	16.0	162.2	GGGG	86	15
16355W	5832N	2503	21202	00000/0000	2-10019/0725	06/08/76	90	7016	50.6	144.6	GGGG	83	19
16356W	7049N	2440	22095	00000/0000	2-10017/1070	04/06/76	0	6138	25.5	167.0	GGGG	92	10
16356W	6526N	2615	21340	00000/0000	2-10023/0285	09/28/76	70	8578	21.1	161.8	GGGG	87	14
16356W	6402N	2542	21344	00000/0000	2-10020/1056	07/17/76	90	7560	44.7	151.1	GGGG	86	15
16356W	6359N	2506	21354	00000/0000	2-10019/0823	06/11/76	0	7058	47.1	152.8	GGGG	86	15
16356W	6356N	2398	21345	00000/0000	2-10014/0374	02/24/76	40	5552	14.6	157.1	GGGG	86	15
16357N	6644N	2418	21485	00000/0000	2-10017/0049	03/15/76	40	5831	20.1	160.0	GGGG	88	13
16357N	6523N	2417	21433	00000/0000	2-10016/1095	03/14/76	30	5817	20.8	158.3	GGGG	87	14
16357N	5831N	2539	21192	00000/0000	2-10020/0923	07/14/76	90	7518	48.7	142.6	GGGG	83	19
16358W	7051N	2584	22055	00000/0000	2-10022/0245	08/28/76	50	8146	28.1	166.0	GGGG	92	10
16358W	6643N	2544	21452	00000/0000	2-10020/1232	07/19/76	40	7588	42.4	155.6	GGGG	88	13
16358W	5838N	2411	21171	00000/0000	2-10022/1425	09/24/76	70	8522	28.0	154.3	GGGG	83	19
16358W	5828N	2395	21232	00000/0000	2-10016/0170	02/21/76	90	5510	17.6	152.6	GGGG	83	19
16359W	7049N	2602	22052	00000/0000	2-10022/1020	09/15/76	100	8397	21.5	167.9	GGGG	92	10
16359W	6358N	2650	21312	00000/0000	2-10024/0323	11/02/76	40	9066	9.9	163.4	GGGG	86	15
16359W	5824N	2377	21235	00000/0000	2-10015/0444	02/03/76	90	5259	11.9	154.1	GGGG	88	13
16400W	6640N	2508	21462	00000/0000	2-10019/1046	06/13/76	10	7086	45.2	157.2	GGGG	87	14
16400W	6519N	2399	21440	00000/0000	2-10016/0406	02/25/76	0	5566	13.9	158.4	GGGG	83	19
16400W	5830N	2665	21152	00000/0000	2-10025/0389	11/17/76	30	9275	10.3	159.5	GGGG	87	14
16400W	5828N	2413	21225	00000/0000	2-10016/1012	03/10/76	0	5761	24.4	151.6	GGGG	83	19
16401W	6541N	2526	21455	00000/0000	2-10020/0357	07/01/76	80	7337	44.9	155.8	GGGG	88	13
16401W	6538N	2400	21492	00000/0000	2-10016/0454	02/26/76	10	5580	13.2	159.9	GGGG	88	13
16401W	6522N	2633	21372	00000/0000	2-10023/0947	10/16/76	100	8829	14.5	163.7	GGGG	87	14
16401W	6356N	2524	21352	00000/0000	2-10020/0210	06/29/76	60	7309	47.0	151.2	GGGG	86	15

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0817

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT	RBV	MSS						123 45678				
16401W	5830N	2647-21160	00000/0000	2-10024/0200	10/30/76	90	9024	15.5	159.0	GGGG		83	19
16401W	5827N	2521-21195	00000/0000	2-10020/0075	06/26/76	90	7267	50.7	142.7	GGGG		83	19
16402W	6520N	2543-21400	00000/0000	2-10020/1136	07/18/76	90	7574	43.6	153.3	FGGG		87	14
16402W	5830N	2629-21164	00000/0000	2-10023/0912	10/12/76	90	8773	21.6	157.2	GGGG		83	19
16403W	6521N	2525-21403	00000/0000	2-10020/0321	06/30/76	80	7323	45.9	153.6	GGGG		87	14
16404W	7046N	2566-22062	00000/0000	2-10021/0857	08/10/76	60	7895	33.9	164.2	GGGG		92	10
16404W	6639N	2634-21424	00000/0000	2-10023/1083	10/17/76	80	8843	13.1	165.2	GFGG		88	13
16404W	5559N	2448-21165	00000/0000	2-10017/1339	04/14/76	100	6249	39.8	147.4	GGGG		82	21
16405W	6744N	2383-21551	00000/0000	2-10015/0780	02/09/76	0	5343	6.4	161.7	GFGG		89	12
16406W	5558N	2466-21162	00000/0000	2-10018/0370	05/02/76	80	6500	45.6	145.7	GFPG		82	21
16407W	6518N	2507-21410	00000/0000	2-10019/1022	06/12/76	0	7072	46.2	154.9	GGGG		87	14
16408W	7040N	2422-22102	00000/0000	2-10017/0278	03/19/76	10	5887	18.6	166.0	GGFG		92	10
16409W	5558N	2574-21132	00000/0000	2-10021/1319	08/18/76	90	8006	42.2	143.9	GGGG		82	21
16409W	5551N	2484-21155	00000/0000	2-10018/1324	05/20/76	90	6751	50.0	143.2	GGGG		82	21
16410W	7041N	2494-22082	00000/0000	2-10019/0402	05/30/76	100	6891	40.8	166.1	GGGG		92	10
16411W	7041N	2620-22045	00000/0000	2-10023/0511	10/03/76	90	8648	14.7	169.6	GGGG		92	10
16411W	5555N	2430-21172	00000/0000	2-10017/0507	03/27/76	20	5998	33.0	148.5	GGGG		82	21
16411W	5552N	2556-21135	00000/0000	2-10021/0436	07/31/76	70	7755	47.0	140.4	GGGG		82	21
16411W	5313N	2447-21115	00000/0000	2-10017/1327	04/13/76	50	6235	41.3	144.5	GGGG		81	23
16412W	6009N	2468-21263	00000/0000	2-10018/0752	05/04/76	70	6528	43.3	150.8	GGGG		84	18
16412W	5558N	2592-21125	00000/0000	2-10022/0519	09/05/76	90	8257	36.6	147.8	GGGG		82	21
16414W	6506N	2381-21443	00000/0000	2-10015/0595	02/07/76	30	5315	7.9	159.0	FGGG		87	14
16414W	6010N	2450-21270	00000/0000	2-10017/1581	04/16/76	70	6277	37.5	152.0	GGGG		84	18
16414W	5553N	2610-21122	00000/0000	2-10022/1356	09/23/76	90	8508	30.4	151.7	GGGG		82	21
16414W	5310N	2465-21112	00000/0000	2-10018/0681	05/01/76	80	6486	47.1	142.4	GGGG		81	23
16414W	5303N	2483-21110	00000/0000	2-10018/1313	05/19/76	80	6737	51.5	139.4	GGGG		81	23
16415W	6625N	2382-21495	00000/0000	2-10015/0713	02/08/76	20	5329	7.1	160.3	FFFF		88	13
16415W	5545N	2538-21142	00000/0000	2-10020/0873	07/13/76	90	7504	50.5	138.5	GGGG		82	21
16415W	5542N	2394-21183	00000/0000	2-10016/0158	02/20/76	50	5496	19.3	150.7	GGGG		82	21
16415W	5309N	2573-21083	00000/0000	2-10021/1137	08/17/76	90	7992	44.2	140.3	GGFF		81	23
16416W	6009N	2594-21230	00000/0000	2-10022/0694	09/07/76	40	8285	32.9	152.6	GGGG		84	18
16416W	5543N	2502-21152	00000/0000	2-10019/0890	06/07/76	100	7002	52.3	140.4	GGGG		82	21
16417W	5544N	2664-21102	00000/0000	2-10025/0504	11/16/76	100	9261	12.8	157.9	GGGG		82	21
16417W	5543N	2412-21180	00000/0000	2-10016/0977	03/09/76	100	5747	26.0	149.4	GGGG		82	21
16417W	5543N	2628-21115	00000/0000	2-10023/0741	10/11/76	50	8759	24.2	154.9	FGGG		82	21

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01129 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0818

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT		RBV	MSS						123 45678				
16417W	5543N	2646-21111	00000/0000	2-10024/0115	10/29/76	70	9010	18.1	157.1	GFFF			82	21
16417W	5311N	2591-21080	00000/0000	2-10027/0508	09/04/76	70	8243	38.8	144.8	GGGG			81	23
16417W	5305N	2429-21123	00000/0000	2-10017/0485	03/26/76	40	5984	34.6	146.0	GGGG			81	23
16418W	6007N	2576-21233	00000/0000	2-10021/1366	08/20/76	90	8034	38.9	149.2	GGGG			84	18
16418W	5542N	2520-21150	00000/0000	2-10019/1452	06/25/76	90	7253	52.4	138.5	GGGG			82	21
16419W	7034N	2530-22073	00000/0000	2-10020/0517	07/05/76	60	7393	41.5	163.3	GGGG			92	10
16420W	6937N	2457-22040	00000/0000	2-10018/0130	04/23/76	10	6375	32.6	165.2	FGGG			91	11
16420W	6044N	2432-21273	00000/0000	2-10017/0660	03/29/76	50	6026	30.8	152.5	GGGG			84	18
16420W	6011N	2558-21240	00000/0000	2-10021/0506	08/02/76	90	7783	43.9	146.3	GGGG			84	18
16420W	5322N	2555-21090	00000/0000	2-10021/0356	07/30/76	90	7741	48.8	136.4	FGGG			81	23
16420W	5259N	2681-21045	00000/0000	2-10025/0768	12/03/76	90	9498	11.6	155.9	GGGG			81	23
16421W	7038N	2548-22065	00000/0000	2-10021/0050	07/23/76	10	7644	38.6	163.1	GGGF			92	10
16422W	6002N	2612-21223	00000/0000	2-10027/1461	09/25/76	90	8536	26.6	155.8	GGGG			84	18
16422W	5538N	2376-21185	00000/0000	2-10015/0404	02/02/76	90	6245	13.8	152.5	GGGG			82	21
16422W	5258N	2537-21093	00000/0000	2-10020/0786	07/12/76	80	7490	52.1	134.3	GGGG			81	23
16423W	7029N	2386-22113	00000/0000	2-10015/0853	02/12/76	0	5385	5.1	165.4	GFFF			92	10
16423W	5259N	2609-21073	00000/0000	2-10022/1443	09/22/76	90	8494	32.9	149.1	GGGG			81	23
16423W	5257N	2663-21053	00000/0000	2-10025/0326	11/15/76	40	9247	15.4	156.3	GGGG			81	23
16423W	5255N	2501-21103	00000/0000	2-10019/0683	06/06/76	90	6988	53.8	136.2	GGGG			81	23
16423W	5255N	2519-21100	00000/0000	2-10020/0029	06/24/76	90	7239	53.9	134.2	FFGG			81	23
16425W	5955N	2414-21280	00000/0000	2-10016/1050	03/11/76	90	5775	23.8	152.8	GGGG			84	18
16425W	5253N	2393-21133	00000/0000	2-10016/0146	02/19/76	90	5482	21.0	148.9	GGGF			81	23
16426W	5954N	2504-21253	00000/0000	2-10019/0738	06/09/76	80	7030	49.8	146.5	GGGG			84	18
16426W	5252N	2375-21140	00000/0000	2-10015/0362	02/01/76	90	5231	15.5	151.0	GGGG			81	23
16427W	5954N	2540-21243	00000/0000	2-10020/0884	07/15/76	70	7532	47.7	144.8	GGG			84	18
16427W	5255N	2645-21061	00000/0000	2-10024/0145	10/28/76	50	8996	20.6	155.3	FGGG			81	23
16428W	5953N	2648-21212	00000/0000	2-10024/0218	10/31/76	40	9038	14.0	160.0	GGGG			84	18
16428W	5253N	2411-21130	00000/0000	2-10016/0920	03/08/76	10	5733	27.6	147.3	GGGG			81	23
16429W	5951N	2522-21251	00000/0000	2-10020/0121	06/27/76	80	7281	49.8	144.9	GGGG			84	18
16429W	5950N	2396-21284	00000/0000	2-10016/0268	02/22/76	20	5524	17.0	153.6	FGFG			84	18
16430W	5950N	2630-21220	00000/0000	2-10023/0810	10/13/76	70	8787	20.2	158.4	GGGG			84	18
16434W	6935N	2583-22003	00000/0000	2-10027/0213	08/27/76	70	8132	29.5	163.5	GGGG			91	11
16434W	6135N	2451-21321	00000/0000	2-10017/1488	04/17/76	0	6291	36.9	153.6	GGGG			85	17
16434W	6134N	2469-21314	00000/0000	2-10018/0639	05/05/76	30	6542	42.6	152.6	FGGG			85	17
16436W	6931N	2439-22043	00000/0000	2-10017/1011	04/05/76	80	6124	26.2	164.6	GGGG			91	11

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0819

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16438W	6131N	2577-21285	00000/0000	2-10021/1255	08/21/76	20	8048	37.6	151.1	FFGG		85	17
16440W	6928N	2601-22000	00000/0000	2-10022/1003	09/14/76	90	8383	23.0	165.5	GGGG		91	11
16440W	6126N	2559-21292	00000/0000	2-10021/0545	08/03/76	90	7797	42.8	148.4	GGGG		85	17
16440W	5722N	2449-21220	00000/0000	2-10017/1444	04/15/76	100	6263	39.2	148.9	GGGG		83	20
16442W	6130N	2595-21282	00000/0000	2-10022/0707	09/08/76	90	8299	31.6	154.2	GGGG		85	17
16443W	6128N	2433-21325	00000/0000	2-10017/0674	03/30/76	90	6040	30.2	153.9	GGGG		85	17
16444W	6928N	2565-22010	00000/0000	2-10021/0903	08/09/76	20	7881	35.3	161.5	FFGG		91	11
16444W	5722N	2575-21184	00000/0000	2-10022/0197	08/19/76	70	8020	41.0	145.7	GGGG		83	20
16444W	5718N	2431-21224	00000/0000	2-10017/0704	03/28/76	0	6012	32.4	149.7	GGGG		83	20
16444W	5717N	2557-21191	00000/0000	2-10021/0494	08/01/76	90	7769	45.9	142.5	GGGG		83	20
16445W	6925N	2493-22030	00000/0000	2-10019/0059	05/29/76	60	6877	41.7	163.5	GGGG		91	11
16446W	6120N	2487-21312	00000/0000	2-10019/0038	05/23/76	20	6793	46.8	150.7	FFGG		85	17
16446W	5720N	2593-21181	00000/0000	2-10022/0668	09/06/76	70	8271	35.3	149.4	GGGG		83	20
16447W	6923N	2619-21593	00000/0000	2-10023/0424	10/02/76	80	8634	16.3	167.4	GGG		91	11
16447W	6922N	2421-22051	00000/0000	2-10017/0135	03/18/76	20	5873	19.2	163.8	GGGG		91	11
16448W	6113N	2415-21332	00000/0000	2-10017/0038	03/12/76	10	5789	23.1	154.1	GGGG		85	17
16448W	5713N	2485-21211	00000/0000	2-10019/0010	05/21/76	90	6765	49.3	145.0	GGGG		83	20
16449W	6923N	2547-22014	00000/0000	2-10021/0082	07/22/76	60	7630	39.8	160.5	GGGG		91	11
16449W	5709N	2503-21204	00000/0000	2-10019/0726	06/08/76	90	7016	51.5	142.4	GGGG		83	20
16450W	6817N	2456-21584	00000/0000	2-10019/0109	04/22/76	10	6361	33.4	162.9	GGGG		90	12
16450W	6122N	2613-21275	00000/0000	2-10023/0064	09/26/76	100	8550	25.1	157.2	GGGG		85	17
16450W	6115N	2649-21263	00000/0000	2-10024/0315	11/01/76	70	9052	12.6	161.1	GGG		85	17
16450W	6113N	2523-21302	00000/0000	2-10020/0154	06/28/76	30	7295	48.9	146.9	FFGG		85	17
16450W	5708N	2539-21194	00000/0000	2-10020/0924	07/14/76	90	7518	49.6	140.6	GGGG		83	20
16451W	6115N	2397-21335	00000/0000	2-10016/0252	02/23/76	10	5538	16.3	154.7	GGGG		85	17
16452W	6256N	2452-21373	00000/0000	2-10017/1508	04/18/76	0	6305	36.2	155.2	GGGG		86	16
16452W	6117N	2631-21271	00000/0000	2-10023/0769	10/14/76	80	8801	18.6	159.7	GGGG		83	17
16452W	5715N	2611-21174	00000/0000	2-10022/1426	09/24/76	60	8522	29.1	153.1	GGGG		83	20
16453W	6919N	2637-21585	00000/0000	2-10023/0853	10/20/76	20	8885	9.7	168.8	FFFG		91	11
16453W	6117N	2541-21295	00000/0000	2-10020/1004	07/16/76	60	7546	46.7	146.8	GGGG		85	17
16453W	6115N	2505-21305	00000/0000	2-10019/0788	06/10/76	10	7044	49.0	148.5	FFGG		85	17
16453W	5705N	2395-21234	00000/0000	2-10016/0171	02/21/76	60	5510	18.6	151.6	GGGG		83	20
16453W	3705N	2413-21231	00000/0000	2-10016/1013	03/10/76	0	5761	25.4	150.4	GGGG		83	20
16453W	5701N	2377-21241	00000/0000	2-10015/0445	02/03/76	100	5259	13.0	153.2	GGGG		83	20
16453W	5436N	2448-21171	00000/0000	2-10017/1340	04/14/76	100	6249	40.7	145.9	GGGG		82	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0020

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16454W	6919N	2529-22021	00000/0000	2-10020/0255	07/04/76	90	7379	42.6	160.7	GGFG		
16454W	5434N	2466-21164	00000/0000	2-10018/0371	05/02/76	80	6500	46.5	144.0	GGFF	91	11
16455W	5816N	2438-21591	00000/0000	2-10017/0919	04/04/76	10	6110	26.9	162.5	GGFG	82	22
16455W	6255N	2578-21340	00000/0000	2-10021/1275	08/22/76	30	8062	36.2	153.0	GGFG	90	12
16455W	5707N	2647-21162	00000/0000	2-10024/0201	10/30/76	80	9024	16.6	158.1	GGFG	84	16
16455W	5707N	2665-21154	00000/0000	2-10025/0390	11/17/76	20	9275	11.5	158.7	GGGG	83	20
16455W	5704N	2521-21201	00000/0000	2-10020/0076	06/26/76	90	7267	51.6	140.6	GGGG	83	20
16456W	6814N	2474-21581	00000/0000	2-10018/0934	05/10/76	0	6612	38.8	162.5	GGGG	90	12
16456W	5707N	2629-21170	00000/0000	2-10023/0913	10/12/76	100	8773	22.7	156.1	GGGG	83	20
16457W	6252N	2470-21370	00000/0000	2-10018/0688	05/06/76	30	6556	41.9	154.3	GGGG	86	16
16457W	6251N	2596-21334	00000/0000	2-10022/0743	09/09/76	90	8313	30.2	155.9	GGGG	86	16
16457W	5434N	2574-21134	00000/0000	2-10021/1320	08/18/76	70	8006	43.1	142.2	GGGG	82	22
16457W	5426N	2484-21161	00000/0000	2-10018/1325	05/20/76	40	6751	50.8	141.2	GGGG	82	22
16457W	5145N	2465-21115	00000/0000	2-10018/0682	05/01/76	90	6486	48.0	140.6	GGGG	81	24
16459W	6915N	2403-22054	00000/0000	2-10016/0600	02/29/76	10	5622	12.3	163.2	GGGG	91	11
16459W	6912N	2385-22061	00000/0000	2-10015/0887	02/11/76	10	5371	5.8	163.6	GGGG	91	11
16459W	6249N	2434-21380	00000/0000	2-10017/0762	03/31/76	10	6054	29.6	155.4	GGGG	84	16
16459W	5431N	2430-21174	00000/0000	2-10017/0508	03/27/76	50	5998	34.0	147.2	GGFG	82	22
16459W	5428N	2556-21142	00000/0000	2-10021/0437	07/31/76	50	7755	47.8	138.5	GGGG	82	22
16501W	6815N	2582-21552	00000/0000	2-10022/0104	08/26/76	10	8118	30.9	161.1	GGGG	90	12
16501W	5433N	2592-21132	00000/0000	2-10022/0520	09/05/76	100	8257	37.6	146.4	GGGG	82	22
16502W	6807N	2492-21575	00000/0000	2-10019/0303	05/28/76	40	6863	42.6	161.2	GGGG	90	12
16502W	5429N	2610-21124	00000/0000	2-10022/1357	09/23/76	90	8508	31.5	150.5	GGGG	82	22
16503W	6246N	2560-21344	00000/0000	2-10021/0564	08/04/76	60	7811	41.6	150.4	GGGG	86	16
16503W	5421N	2538-21145	00000/0000	2-10020/0874	07/13/76	80	7504	51.3	136.4	GGGG	82	22
16503W	5419N	2394-21185	00000/0000	2-10016/0159	02/20/76	70	5496	20.3	149.8	GGGG	82	22
16504W	5421N	2664-21105	00000/0000	2-10025/0505	11/16/76	90	9261	14.0	157.1	GGGG	82	22
16504W	5419N	2602-21182	00000/0000	2-10016/0978	03/09/76	90	5747	27.0	148.3	GGGG	82	22
16504W	5419N	2602-21155	00000/0000	2-10019/0891	06/07/76	90	7002	53.1	138.2	GGGG	82	22
16505W	6811N	2628-21121	00000/0000	2-10023/0742	10/11/76	60	8759	25.2	153.9	GGGG	82	22
16505W	6811N	2564-21555	00000/0000	2-10021/0760	08/08/76	20	7867	36.6	159.1	GGFG	90	12
16505W	6811N	2600-21545	00000/0000	2-10023/0014	09/13/76	30	8369	24.5	163.3	GGGG	90	12
16505W	6541N	2454-21480	00000/0000	2-10018/0030	04/20/76	10	6333	34.8	158.9	GGFG	88	14
16505W	6246N	2614-21330	00000/0000	2-10023/0146	09/27/76	90	8564	23.7	158.7	GGFG	86	16
16505W	5420N	2646-21113	00000/0000	2-10024/0116	10/29/76	40	9010	19.2	156.2	GGFG	82	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER,  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 177

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0821

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16505W	5418N	2520-21152	00000/0000 2-10019/1453	06/25/76	90	7253	53.2	136.3					
16506W	6419N	2453-21425	00000/0000 2-10017/1608	04/19/76	10	6319	35.5	157.0	GGGG			82	22
16507W	6808N	2618-21541	00000/0000 2-10023/0384	10/01/76	60	8620	17.7	165.5	GGGG			87	15
16508W	6656N	2455-21532	00000/0000 2-10018/0221	04/21/76	40	6347	34.1	160.7	GGGG			90	12
16509W	6239N	2632-21323	00000/0000 2-10023/0784	10/15/76	60	8815	17.1	161.0	GGGG			89	13
16509W	6236N	2506-21361	00000/0000 2-10019/0824	06/11/76	0	7058	48.1	150.6	GGGG			86	16
16509W	5413N	2376-21192	00000/0000 2-10015/0405	02/02/76	80	5245	14.8	151.6	GGGG			86	16
16510W	6802N	2420-21595	00000/0000 2-10017/0120	03/17/76	10	5859	19.9	161.8	GGGG			82	22
16510W	6655N	2437-21540	00000/0000 2-10017/0904	04/03/76	50	6096	27.6	160.5	GGGG			90	12
16510W	6411N	2471-21422	00000/0000 2-10018/0702	05/07/76	40	6570	41.2	156.2	GGGG			89	13
16510W	6235N	2398-21391	00000/0000 2-10016/0375	02/24/76	20	5552	15.6	155.8	GGGG			87	15
16511W	6657N	2581-21500	00000/0000 2-10022/0147	08/25/76	30	8104	32.2	159.0	GGGG			86	16
16511W	5846N	2468-21265	00000/0000 2-10018/0753	05/04/76	80	6528	44.3	149.1	GGGG			89	13
16512W	6411N	2435-21432	00000/0000 2-10017/0776	04/01/76	20	6068	28.9	157.0	GGGG			84	19
16512W	5847N	2450-21272	00000/0000 2-10017/1582	04/16/76	20	6277	38.5	150.4	GGGG			87	15
16513W	6534N	2472-21474	00000/0000 2-10018/0817	05/08/76	70	6584	40.4	158.2	GGGG			84	19
16513W	6237N	2650-21315	00000/0000 2-10024/0324	11/02/76	30	9066	11.1	162.2	GGGG			88	14
16513W	6234N	2524-21354	00000/0000 2-10020/0211	06/29/76	30	7309	47.9	149.0	GGGG			86	16
16514W	6802N	2546-21562	00000/0000 2-10021/0014	07/21/76	40	7616	41.0	158.0	GGGG			84	16
16515W	6801N	2636-21534	00000/0000 2-10023/1137	10/19/76	40	8871	11.2	167.0	GGGG			90	12
16515W	6534N	2436-21484	00000/0000 2-10017/0890	04/02/76	40	6082	28.2	158.7	GGGG			88	14
16515W	6533N	2598-21441	00000/0000 2-10022/0878	09/11/76	90	8341	27.4	159.4	GGGG			88	14
16515W	6409N	2561-21395	00000/0000 2-10021/0612	08/05/76	20	7825	40.4	152.5	GGGG			87	15
16516W	6539N	2580-21444	00000/0000 2-10021/1381	08/24/76	90	8090	33.6	157.0	GGGG			88	14
16516W	6405N	2489-21415	00000/0000 2-10019/0119	05/25/76	60	6821	45.2	154.7	GGGG			87	15
16516W	6225N	2488-21364	00000/0000 2-10019/0071	05/24/76	0	6807	46.2	152.2	GGGG			86	16
16517W	6759N	2528-21565	00000/0000 2-10020/0457	07/03/76	90	7365	43.7	158.1	GGGG			90	12
16517W	6651N	2599-21493	00000/0000 2-10022/0905	09/12/76	60	8355	26.0	161.3	GGGG			89	13
16517W	6405N	2615-21382	00000/0000 2-10023/0286	09/28/76	70	8578	22.2	160.3	GGGG			87	15
16517W	6402N	2417-21440	00000/0000 2-10016/1096	03/14/76	10	5817	21.9	156.8	GGGG			84	19
16517W	5843N	2576-21240	00000/0000 2-10021/1367	08/20/76	90	8034	39.8	147.5	GGGG			84	19
16518W	6758N	2402-22002	00000/0000 2-10016/0090	02/28/76	60	5608	12.9	161.5	GGGG			84	19
16518W	5841N	2432-21275	00000/0000 2-10017/0661	03/29/76	20	6026	31.8	151.1	GGGG			84	19
16518W	5838N	2558-21243	00000/0000 2-10021/0507	08/02/76	90	7783	44.8	144.5	GGGG			84	19
16519W	6757N	2510-21572	00000/0000 2-10019/1083	06/15/76	10	7114	44.3	159.3	GGGG			90	12

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS = BAND NOT AVAILABLE. G=GOOD. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR.  
 MSS IMAGE GAIN ..... (BLANK)=1.8W GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0022

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16519W 6646N	2419-21543	00000/0000 2-10017/0086	03/16/76	10	5845	20.5	160.0	GGGG			89	13
16520W 6646N	2431-21523	00000/0000 2-10019/0593	05/27/76	90	6849	43.5	158.8	GGGG			89	13
16520W 6358N	2399-21443	00000/0000 2-10016/0407	02/25/76	0	5566	14.9	157.1	GGGG			87	19
16520W 5840N	2612-21225	00000/0000 2-10022/1462	09/25/76	80	8536	27.6	154.5	GGGG			84	19
16521W 6647N	2617-21490	00000/0000 2-10023/0250	09/30/76	50	8606	19.2	163.6	GGGG			89	13
16521W 6526N	2490-21471	00000/0000 2-10019/0200	05/26/76	20	6835	44.4	156.7	FGGG			88	14
16521W 6400N	2543-21403	00000/0000 2-10020/1137	07/18/76	90	7574	44.5	151.1	GGGG			87	15
16522W 6528N	2562-21451	00000/0000 2-10021/0695	08/06/76	20	7839	39.1	154.6	GGGG			88	14
16522W 6527N	2616-21434	00000/0000 2-10023/0301	09/29/76	90	8592	20.7	161.9	GGGG			88	14
16522W 6401N	2525-21410	00000/0000 2-10020/0322	06/30/76	20	7323	46.9	151.3	GGGG			87	15
16523W 6650N	2563-21503	00000/0000 2-10021/0719	08/07/76	80	7853	37.9	156.8	GGGG			89	13
16523W 5833N	2414-21283	00000/0000 2-10016/1051	03/11/76	80	5775	24.8	151.6	GGGG			84	15
16523W 5831N	2504-21260	00000/0000 2-10019/0739	06/09/76	90	7030	50.7	144.4	GGGG			84	19
16524W 6642N	2527-21513	00000/0000 2-10020/0420	07/02/76	40	7351	44.8	155.8	GGGG			89	13
16525W 6524N	2418-21491	00000/0000 2-10017/0050	03/15/76	10	5831	21.2	158.4	GGGG			88	14
16525W 5832N	2540-21250	00000/0000 2-10020/0885	07/15/76	50	7532	48.6	142.7	GGG			84	19
16526W 6523N	2544-21454	00000/0000 2-10020/1233	07/19/76	90	7588	43.4	153.3	GGGG			88	14
16526W 6357N	2651-21371	00000/0000 2-10024/0333	11/03/76	10	9080	9.6	163.4	GGGG			87	15
16526W 5830N	2648-21214	00000/0000 2-10024/0219	10/31/76	90	9038	15.2	159.1	GGGG			84	19
16526W 5829N	2522-21253	00000/0000 2-10020/0122	06/27/76	90	7281	50.7	142.7	GGGG			84	19
16527W 6357N	2507-21413	00000/0000 2-10019/1023	06/12/76	0	7072	47.2	152.6	GGGF			87	15
16527W 5827N	2396-21290	00000/0000 2-10016/0269	02/22/76	10	5524	18.0	152.5	GGGG			84	19
16528W 6520N	2508-21464	00000/0000 2-10019/1047	06/13/76	10	7086	45.2	154.8	GGGG			88	14
16528W 5828N	2630-21222	00000/0000 2-10023/0811	10/13/76	30	8787	21.3	157.3	GGGG			84	19
16529W 6639N	2509-21520	00000/0000 2-10019/0988	06/14/76	30	7100	45.3	157.0	GGGG			89	13
16529W 6637N	2401-21550	00000/0000 2-10016/0515	02/27/76	10	5594	13.6	159.8	GGGG			88	14
16529W 6521N	2526-21462	00000/0000 2-10020/0358	07/01/76	70	7337	45.8	153.5	GGGG			89	13
16529W 6518N	2400-21495	00000/0000 2-10016/0455	02/26/76	0	5580	14.3	158.4	FGGG			88	14
16530W 6641N	2545-21510	00000/0000 2-10020/1258	07/20/76	90	7602	42.2	155.6	GGGG			89	13
16531W 5600N	2467-21220	00000/0000 2-10018/0741	05/03/76	80	6514	45.9	145.6	GGGG			83	21
16531W 5558N	2449-21223	00000/0000 2-10017/1445	04/15/76	90	6263	40.1	147.3	GGGG			83	21
16532W 6638N	2635-21482	00000/0000 2-10023/1099	10/18/76	90	8857	12.7	165.3	GGGF			89	13
16533W 6518N	2634-21430	00000/0000 2-10023/1084	10/17/76	80	8843	14.2	163.7	GGGG			88	14
16534W 6345N	2381-21450	00000/0000 2-10015/0596	02/07/76	40	5315	9.0	157.8	GGG			87	15
16534W 5558N	2575-21190	00000/0000 2-10022/0198	08/19/76	90	8020	41.9	144.1	GGGG			83	21

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/74 TO 01/22/77

PAGE 0823

PRINCIPAL POINT OF IMAGE LONG LAT	SERIES ID	MICROFILM POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16535N	5555N	2431-21230	00000/0000	2-10017/0705	03/28/76	10	6012	33.4	148.4	GGGG	83	21
16535N	5553N	2557-21193	00000/0000	2-10021/0495	08/01/76	90	7769	46.7	140.6	GGGF	83	21
16536N	6743N	2384-22005	00000/0000	2-10015/0727	02/10/76	0	5357	6.7	161.7	FFFF	90	12
16537N	6012N	2451-21324	00000/0000	2-10017/1489	04/17/76	30	6291	37.9	152.0	FGGG	85	18
16537N	6012N	2469-21321	00000/0000	2-10018/0640	05/05/76	90	6542	43.6	150.8	FGGG	85	18
16538N	5556N	2593-21183	00000/0000	2-10022/0669	09/06/76	70	8271	36.3	148.0	GGGG	83	21
16538N	5312N	2448-21174	00000/0000	2-10017/1341	04/14/76	100	6249	41.7	144.4	GGGG	82	23
16539N	5549N	2485-21213	00000/0000	2-10019/0011	05/21/76	90	6765	50.1	143.0	GGGG	83	21
16539N	5310N	2466-21171	00000/0000	2-10018/0372	05/02/76	90	6500	47.4	142.2	GGGF	82	23
16540N	5545N	2503-21211	00000/0000	2-10019/0727	06/08/76	60	7016	52.3	140.3	GGGG	83	21
16541N	6009N	2577-21291	00000/0000	2-10021/1256	08/21/76	40	8048	38.5	149.4	GGGG	85	18
16541N	5544N	2539-21201	00000/0000	2-10020/0925	07/14/76	90	7518	50.4	138.5	GGGG	83	21
16542N	6624N	2383-21554	00000/0000	2-10015/0781	02/09/76	0	5343	7.5	160.2	GGGG	89	13
16542N	6504N	2382-21502	00000/0000	2-10015/0714	02/08/76	20	5329	8.2	159.0	FGGF	88	14
16542N	5551N	2611-21130	00000/0000	2-10022/1427	09/24/76	90	8522	30.1	151.9	GGGG	83	21
16542N	5541N	2413-21234	00000/0000	2-10016/1014	03/10/76	0	5761	26.4	149.3	GGGF	83	21
16542N	5311N	2574-21141	00000/0000	2-10021/1321	08/18/76	60	8006	43.9	140.6	FGGG	82	23
16542N	5302N	2484-21164	00000/0000	2-10018/1326	05/20/76	70	6751	51.6	139.2	FGGG	82	23
16543N	6003N	2559-21294	00000/0000	2-10021/0546	08/03/76	90	7797	43.7	146.5	FGGG	85	18
16543N	5303N	2556-21144	00000/0000	2-10021/0438	07/31/76	40	7755	48.6	136.6	GGFG	82	23
16544N	5541N	2395-21241	00000/0000	2-10016/0172	02/21/76	70	5510	19.7	150.6	FGGG	83	21
16544N	5537N	2377-21244	00000/0000	2-10015/0446	02/03/76	90	5259	14.0	152.4	GGGG	83	21
16544N	5308N	2430-21161	00000/0000	2-10017/0509	03/27/76	60	5998	34.9	146.0	GGGG	82	23
16545N	6007N	2595-21284	00000/0000	2-10022/0708	09/08/76	90	8299	32.6	152.7	GGGG	85	18
16545N	6005N	2433-21331	00000/0000	2-10017/0675	03/30/76	90	6040	31.2	152.5	GGGG	85	18
16545N	5543N	2665-21161	00000/0000	2-10025/0391	11/17/76	20	9275	12.6	157.9	GGGG	83	21
16546N	5544N	2647-21165	00000/0000	2-10024/0202	10/30/76	70	9024	17.7	157.2	GGGG	83	21
16546N	5543N	2629-21173	00000/0000	2-10023/0914	10/12/76	100	8773	23.8	155.1	GGGG	83	21
16546N	5540N	2521-21234	00000/0000	2-10020/0077	06/26/76	90	7267	52.4	138.4	GGFF	83	21
16546N	5309N	2592-21134	00000/0000	2-10022/0521	09/05/76	100	8257	38.5	145.0	GGGG	82	23
16547N	5304N	2610-21131	00000/0000	2-10022/1358	09/23/76	60	8508	32.5	149.4	GGGG	82	23
16548N	5957N	2487-21314	00000/0000	2-10019/0039	05/23/76	70	6793	47.8	148.7	GGGG	85	18
16548N	5257N	2538-21151	00000/0000	2-10020/0875	07/13/76	70	7504	52.0	134.3	GGGG	82	23
16548N	5255N	2394-21192	00000/0000	2-10016/0160	02/20/76	90	5496	21.3	148.9	GGGG	82	23
16548N	5255N	2412-21185	00000/0000	2-10016/0979	03/09/76	90	5747	28.0	147.2	GGGG	82	23

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0824

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	BHRT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16548	5255N	2502-21151	00000/0000	2-10019/0892	06/07/76	100	7002	53.9	136.0	GGGG		82	23
16549	5257N	2664-21111	00000/0000	2-10025/0506	11/16/76	70	9261	15.1	156.3	GGGG		82	23
16550	5256N	2646-21120	00000/0000	2-10024/0117	10/29/76	40	9010	20.3	155.4	GGFF		82	23
16550	5255N	2628-21124	00000/0000	2-10023/0743	10/11/76	40	8759	26.3	152.9	GGGG		82	23
16550	5254N	2520-21155	00000/0000	2-10019/1454	06/25/76	70	7253	53.9	134.1	GGGG		82	23
16552	5200N	2613-21241	00000/0000	2-10023/0065	09/26/76	90	8550	26.2	155.9	GGGG		85	18
16553	5251N	2523-21305	00000/0000	2-10020/0155	06/28/76	60	7295	49.8	144.8	GGGG		85	18
16553	5256N	2458-22074	00000/0000	2-10018/0169	04/24/76	90	6389	33.0	165.1	GGGG		92	11
16553	5253N	2337-21342	00000/0000	2-10016/0253	02/23/76	10	5538	17.3	153.5	GGGG		85	18
16553	5253N	2649-21270	00000/0000	2-10024/0316	11/01/76	80	9052	13.7	160.1	GGGG		85	18
16553	5249N	2376-21194	00000/0000	2-10015/0406	02/02/76	90	5245	15.8	150.9	GGGG		82	23
16554	5254N	2631-21274	00000/0000	2-10023/0770	10/14/76	80	8801	19.8	158.5	GGGG		85	18
16555	5254N	2541-21302	00000/0000	2-10020/1005	07/16/76	30	7546	47.6	144.5	FGGG		85	18
16555	5253N	2505-21310	00000/0000	2-10019/0789	06/10/76	10	7044	49.9	146.4	FGGG		85	18
16559	5232N	2440-22101	00000/0000	2-10017/1071	04/06/76	0	6138	26.6	164.7	GGGG		92	11
16559	5244N	2379-21345	00000/0000	2-10015/0536	02/05/76	90	5287	11.5	154.8	GGGG		85	18
16601	5133N	2452-21340	00000/0000	2-10017/1509	04/18/76	10	6305	37.2	153.5	GGGF		86	17
16602	5234N	2554-22062	00000/0000	2-10020/0246	08/28/76	90	8146	29.1	163.6	GGG		92	11
16602	5244N	2578-21203	00000/0000	2-10021/1276	08/22/76	20	8062	37.2	151.3	PGFF		86	17
16603	5232N	2602-22055	00000/0000	2-10022/1021	09/15/76	90	8397	22.6	165.7	GGGG		92	11
16603	5230N	2476-22091	00000/0000	2-10018/0910	05/12/76	70	6640	38.3	164.7	GGGG		92	11
16605	5120N	2470-21373	00000/0000	2-10018/0689	05/06/76	20	6556	42.9	152.5	GGGG		86	17
16605	5222N	2468-21272	00000/0000	2-10018/0754	05/04/76	90	6528	45.2	147.3	GGGG		84	20
16606	5229N	2560-22057	00000/0000	2-10021/0855	08/10/76	90	7895	35.0	161.6	GGGG		92	11
16606	5110N	2596-21200	00000/0000	2-10022/0744	09/09/76	90	8313	31.2	154.4	GGGG		86	17
16607	5127N	2434-21300	00000/0000	2-10017/0763	03/31/76	50	6054	30.6	153.9	GGGG		86	17
16607	5224N	2450-21275	00000/0000	2-10017/1583	04/16/76	70	6277	39.5	148.8	GGGG		84	20
16609	5233N	2422-22005	00000/0000	2-10017/0279	03/19/76	30	5887	19.6	163.8	GGGG		92	11
16609	5232N	2594-21606	00000/0000	2-10022/0696	09/07/76	70	8285	34.9	149.7	GGGG		84	20
16610	5127N	2560-21300	00000/0000	2-10021/0565	08/04/76	50	7811	42.5	148.5	G G		86	17
16611	5215N	2457-22002	00000/0000	2-10018/0031	04/23/76	30	6375	33.7	162.9	FFGG		91	12
16612	5120N	2494-22000	00000/0000	2-10019/0403	05/30/76	90	6891	41.9	163.4	GGGG		92	11
16612	5124N	2614-21303	00000/0000	2-10023/0147	09/27/76	80	8564	24.7	157.4	GGGG		86	17
16612	5220N	2576-21202	00000/0000	2-10021/1368	08/20/76	90	8034	40.7	145.9	GGGG		84	20
16612	5218N	2432-21202	00000/0000	2-10017/0662	03/29/76	10	6026	32.8	149.7	GGGG		84	20

KEYS: CLOUD COVER : ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY : ..... BLANKS= (N) NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE : ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN : ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0825

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBV NUM.
16612N	5714N	2558-21245	00000/0000	2-10021/0508	08/02/76	100	7783	45.7	142.6	GGGG		84	20
16614N	6923N	2620-22051	00000/0000	2-10023/0512	10/03/76	90	8648	15.9	167.5	GGGG		92	11
16616N	6114N	2506-21363	00000/0000	2-10019/0825	06/11/76	0	7058	49.0	148.4	GGGG		86	17
16616N	5717N	2612-21232	00000/0000	2-10027/1463	09/25/76	90	8536	28.7	153.3	GGGG		84	20
16616N	5710N	2414-21285	00000/0000	2-10016/1052	03/11/76	100	5775	25.8	150.5	GGGG		84	20
16617N	6114N	2398-21394	00000/0000	2-10016/0376	02/24/76	20	5552	16.6	154.6	GGGF		86	17
16617N	5707N	2504-21262	00000/0000	2-10019/0740	06/09/76	90	7030	51.6	142.3	GGGG		84	20
16618N	5710N	2540-21252	00000/0000	2-10020/0886	07/15/76	90	7532	49.4	140.7	GGGG		84	20
16618N	5436N	2467-21222	00000/0000	2-10018/0742	05/03/76	80	6514	46.8	143.9	GGGG		83	22
16619N	6917N	2530-22075	00000/0000	2-10020/0518	07/05/76	60	7393	42.5	160.6	GGGG		92	11
16619N	6112N	2524-21361	00000/0000	2-10020/0212	06/29/76	40	7309	48.8	146.9	GGGF		86	17
16619N	5434N	2449-21225	00000/0000	2-10017/1446	04/15/76	90	6263	41.1	145.8	FGGF		83	22
16620N	6257N	2453-21431	00000/0000	2-10017/1609	04/19/76	0	6319	36.5	155.2	FFGF		87	16
16620N	6115N	2650-21321	00000/0000	2-10024/0325	11/02/76	40	9066	12.2	161.2	GFG		86	17
16620N	5707N	2648-21221	00000/0000	2-10024/0220	10/31/76	70	9038	16.3	158.1	GGGG		84	20
16620N	5705N	2522-21260	00000/0000	2-10020/0123	06/27/76	90	7281	51.5	140.6	GGGG		84	20
16620N	5704N	2396-21293	00000/0000	2-10016/0270	02/22/76	30	5524	19.0	151.5	GGGG		84	20
16621N	6920N	2548-22072	00000/0000	2-10021/0051	07/23/76	30	7644	39.6	160.5	GGG		92	11
16621N	5701N	2378-21295	00000/0000	2-10015/0499	02/04/76	50	5273	13.3	153.1	FGGG		84	20
16622N	5704N	2630-21225	00000/0000	2-10023/0812	10/13/76	60	8787	22.4	156.2	GGGG		84	20
16622N	5435N	2575-21193	00000/0000	2-10022/0199	08/19/76	90	8020	42.8	142.4	GGGG		83	22
16622N	5431N	2431-21237	00000/0000	2-10017/0706	03/28/76	20	6012	34.4	147.1	GGGG		83	22
16622N	5429N	2557-21200	00000/0000	2-10021/0496	08/01/76	90	7769	47.5	138.8	GGGG		83	22
16624N	6912N	2386-22115	00000/0000	2-10015/0854	02/12/76	10	5385	6.2	163.5	GFFG		92	11
16624N	6250N	2471-21424	00000/0000	2-10018/0703	05/07/76	70	6570	42.2	154.2	GGGG		87	16
16624N	6102N	2488-21371	00000/0000	2-10019/0072	05/24/76	0	6807	47.2	150.2	GGGG		86	17
16625N	6916N	2404-22112	00000/0000	2-10016/0631	03/01/76	30	5636	12.6	163.3	GGGF		92	11
16625N	5432N	2593-21190	00000/0000	2-10022/0670	09/06/76	90	8271	37.2	146.6	GGGG		83	22
16626N	6817N	2583-22010	00000/0000	2-10022/0214	08/27/76	50	8132	30.5	161.3	GGGG		91	12
16626N	6813N	2439-22050	00000/0000	2-10017/1012	04/05/76	80	6124	27.3	162.5	FGGG		91	12
16626N	5250N	2435-21435	00000/0000	2-10017/0777	04/01/76	90	6068	29.9	155.4	GGGG		87	16
16626N	5425N	2485-21220	00000/0000	2-10019/0012	05/21/76	90	6765	51.0	141.0	GGGG		83	22
16627N	6420N	2454-21483	00000/0000	2-10018/0031	04/20/76	10	6333	35.8	157.0	GGGF		88	15
16627N	5421N	2503-21213	00000/0000	2-10019/0728	06/08/76	90	7016	53.1	138.2	GGGG		83	22
16628N	5420N	2539-21203	00000/0000	2-10020/0926	07/14/76	50	7518	51.1	136.4	GGGG		83	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS, RAND NOT AVAILABLE. G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01129 APR 28, 177

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0826

PRINCIPAL POINT OF IMAGE	SERVIATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
16630A	6809N	2401-22003	00000/0000	2-10022/1004	09/14/76	20	8383	24.1	163.4	GGGG	91	12
16630A	6657N	2456-21591	00000/0000	2-10018/0110	04/22/76	0	6361	34.5	160.8	GGGG	90	13
16630A	6243N	2499-21422	00000/0000	2-10019/0120	05/25/76	90	6821	46.2	152.6	GGGG	87	16
16630A	6243N	2615-21385	00000/0000	2-10027/0287	09/28/76	90	8578	23.3	158.8	GGGG	87	16
16630A	5427N	2611-21183	00000/0000	2-10027/1428	09/24/76	90	8522	31.1	150.7	GGGG	83	22
16630A	5418N	2413-21240	00000/0000	2-10014/1015	03/10/76	0	5761	27.4	148.2	GGGG	83	22
16631A	5241N	2417-21442	00000/0000	2-10016/1097	03/14/76	10	5817	22.9	155.4	GGGG	87	16
16631A	5418N	2395-21243	00000/0000	2-10016/0173	12/21/76	70	5510	20.7	149.7	GGGG	83	22
16632A	5420N	2665-21163	00000/0000	2-10025/0392	11/17/76	30	9275	13.7	157.1	GGGG	83	22
16632A	5413N	2377-21250	00000/0000	2-10015/0447	02/03/76	80	5259	15.1	151.5	GGGG	83	22
16633A	6239N	2543-21405	00000/0000	2-10020/1138	07/18/76	90	7574	45.4	149.0	GGGG	87	16
16633A	5420N	2629-21175	00000/0000	2-10023/0915	10/12/76	100	8773	24.9	154.1	GGGG	83	22
16633A	5417N	2521-21210	00000/0000	2-10020/0078	16/24/76	90	7267	53.1	136.2	GGFG	83	22
16634A	6802N	2565-22013	00000/0000	2-10021/0904	08/09/76	30	7881	36.3	159.2	GGGG	91	12
16634A	6806N	2493-22033	00000/0000	2-10019/0050	05/29/76	80	6877	42.8	161.0	GGGG	91	12
16634A	6656N	2438-21594	00000/0000	2-10017/0920	04/04/76	30	6110	27.9	160.6	GGGG	90	13
16634A	6654N	2474-21584	00000/0000	2-10018/0935	05/10/76	0	6612	39.9	160.2	GGGG	90	13
16634A	6237N	2399-21445	00000/0000	2-10016/0405	02/25/76	0	5566	16.0	155.8	GGGG	87	16
16634A	5419N	2647-21171	00000/0000	2-10024/0203	10/30/76	60	9024	18.9	156.3	GGGG	83	22
16635A	6533N	2473-21532	00000/0000	2-10018/0881	05/09/76	80	6598	40.7	158.1	GGGG	89	14
16635A	6413N	2472-21480	00000/0000	2-10018/0818	05/08/76	80	6584	41.4	156.2	GGG	88	15
16635A	6239N	2633-21351	00000/0000	2-10023/0945	10/16/76	90	8829	16.8	161.1	GGGG	87	16
16635A	5849N	2469-21323	00000/0000	2-10018/0641	05/05/76	90	6542	44.5	149.0	GGGG	85	19
16636A	6803N	2421-22053	00000/0000	2-10017/0136	03/13/76	10	5873	20.3	161.8	GGGG	91	12
16636A	5536N	2455-21535	00000/0000	2-10018/0222	04/21/76	20	6347	35.2	158.8	GGGG	89	14
16636A	6403N	2436-21490	00000/0000	2-10017/0891	04/02/76	40	6082	29.3	157.0	GGGG	88	15
16636A	6239N	2535-21412	00000/0000	2-10020/0323	06/30/76	10	7393	47.8	149.1	GGGG	87	16
16636A	5849N	2451-21330	00000/0000	2-10017/1490	04/17/76	40	6291	38.9	150.4	GGGG	85	19
16637A	6504N	2619-22000	00000/0000	2-10023/0425	10/02/76	100	8634	17.4	165.5	GGG	91	12
16637A	6417N	2580-21450	00000/0000	2-10021/1382	08/24/76	90	8090	34.6	155.1	GGGG	88	15
16638A	6804N	2547-22020	00000/0000	2-10021/0053	07/22/76	30	7630	40.8	158.0	GGGG	91	12
16638A	6412N	2598-21444	00000/0000	2-10022/0879	09/11/76	70	8341	28.4	157.8	GGGG	88	15
16638A	6237N	2651-21373	00000/0000	2-10024/0334	11/03/76	60	9080	10.8	162.3	GGGG	87	16
16640A	6656N	2562-21554	00000/0000	2-10022/0105	08/26/76	50	8118	31.9	159.1	GGGG	90	13
16640A	6537N	2581-21502	00000/0000	2-10022/0148	08/25/76	50	8104	33.3	157.0	GGGG	89	14

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=19% GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US

PAGE 0027

FRM 01/22/76 TO 01/22/77

PRINCIPAL PRINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN RPL RBV MSS	DATE ACQUIRED	CLSD COVER %	ERRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16640N	6534N	2437-2154P	00000/0000	2-10017/0905	04/03/76	30	6096	28.6	158.7	GGGG	89	14
16640N	6236N	2507-21415	00000/0000	2-10019/1024	06/12/76	0	7072	48.2	150.4	GGGG	87	16
16640N	5846N	2577-21294	00000/0000	2-10021/1257	08/21/76	50	8048	39.5	147.7	GGGG	85	19
16641N	6648N	2492-21521	00000/0000	2-10019/0304	05/28/76	100	6863	43.6	158.8	GGGG	90	13
16641N	6404N	2490-21474	00000/0000	2-10019/0201	05/26/76	80	6835	45.4	154.5	GGGG	88	15
16642N	6801N	2529-22023	00000/0000	2-10020/0256	07/04/76	90	7379	43.6	158.1	GGGG	91	12
16642N	6800N	2637-21592	00000/0000	2-10023/0854	10/20/76	20	8885	10.8	167.0	FGGG	91	12
16642N	5841N	2559-21301	00000/0000	2-10021/0547	08/03/76	90	7797	44.5	144.6	GGGG	85	19
16643N	6407N	2562-21454	00000/0000	2-10021/0636	08/06/76	60	7839	40.1	152.5	GGGG	88	15
16643N	5843N	2433-21334	00000/0000	2-10017/0676	03/30/76	70	6040	32.2	151.1	GGGG	85	19
16644N	6652N	2600-21551	00000/0000	2-10023/0015	09/13/76	50	8369	25.6	161.5	GGGG	90	13
16644N	6651N	2564-21561	00000/0000	2-10021/0761	08/08/76	20	7867	37.6	156.9	FGGG	90	13
16644N	5844N	2595-21291	00000/0000	2-10022/0709	09/08/76	90	8299	33.6	151.3	GGGG	85	19
16645N	6406N	2616-21440	00000/0000	2-10023/0302	09/29/76	90	8592	21.8	160.4	GGGG	88	15
16645N	6404N	2418-21494	00000/0000	2-10017/0051	03/15/76	10	5831	22.2	156.8	GGG	88	15
16646N	6758N	2511-22030	00000/0000	2-10019/1152	06/16/76	20	7128	44.3	159.3	GGFG	91	12
16646N	6753N	2345-22063	00000/0000	2-10015/0888	02/11/76	10	5371	6.9	161.9	GGGG	91	12
16646N	6648N	2618-21544	00000/0000	2-10023/0385	10/01/76	70	8620	18.8	163.8	GGGG	90	13
16646N	6402N	2544-21461	00000/0000	2-10020/1234	07/19/76	90	7588	44.3	151.2	GGGG	88	15
16646N	5834N	2487-21321	00000/0000	2-10019/0040	05/23/76	50	6793	48.7	146.7	FGGG	85	19
16647N	6756N	2403-22060	00000/0000	2-10014/0606	02/29/76	10	5622	13.3	161.4	GG	91	12
16647N	6531N	2599-21495	00000/0000	2-10022/0906	09/12/76	70	8365	27.0	159.5	GGFG	89	14
16647N	6400N	2508-21471	00000/0000	2-10014/1048	06/13/76	10	7086	47.2	152.6	GGGG	88	15
16647N	6223N	2381-21452	00000/0000	2-10015/0597	02/07/76	20	5315	10.0	156.7	GGG	87	16
16648N	6525N	2419-21550	00000/0000	2-10017/0087	03/16/76	10	5845	21.6	158.4	GGGG	89	14
16648N	6358N	2652-21425	00000/0000	2-10024/0378	11/04/76	10	9094	9.3	163.5	GGGG	88	15
16648N	5834N	2415-21341	00000/0000	2-10017/0039	03/12/76	10	5789	25.1	151.6	FGGG	85	19
16649N	6643N	2420-22031	00000/0000	2-10017/0121	03/17/76	0	5859	21.0	160.0	GGGG	90	13
16649N	6527N	2617-21492	00000/0000	2-10023/0251	09/30/76	40	8606	20.3	162.0	GGGG	89	14
16649N	6524N	2491-21525	00000/0000	2-10019/0594	05/27/76	60	6849	44.5	156.6	GGGG	89	14
16649N	6400N	2526-21464	00000/0000	2-10020/0359	07/01/76	30	7337	46.8	151.2	GGGG	88	15
16649N	6357N	2400-21501	00000/0000	2-10016/0456	02/26/76	0	5580	15.3	157.0	GGGG	88	15
16650N	5827N	2523-21311	00000/0000	2-10020/0156	06/28/76	90	7295	50.6	142.7	GGGG	85	19
16651N	6642N	2546-21564	00000/0000	2-10021/0015	07/21/76	40	7616	42.0	155.6	FGGG	90	13
16651N	6529N	2563-21535	00000/0000	2-10021/0720	08/07/76	90	7853	38.8	154.7	GGGG	89	14

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS, BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=IR GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING.

PAGE 0828

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT SF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION IN ROLL RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
16651N	5831N	2649-21272	00000/0000	2-10024/0317	11/01/76	90	9052	14.8	159.1	G		85	19
16651N	5830N	2397-21344	00000/0000	2-10016/0254	02/23/76	10	5538	18.3	152.5	GGGG		85	19
16651N	5830N	2505-21314	00000/0000	2-10019/0790	06/10/76	10	7044	50.8	144.3	GGGG		85	19
16652N	6641N	2636-21540	00000/0000	2-10023/1138	10/19/76	50	8871	12.3	165.4	FFFF		90	13
16652N	6522N	2527-21520	00000/0000	2-10020/0421	07/02/76	20	7351	45.7	153.5	GGGG		89	14
16652N	6377N	2634-21433	00000/0000	2-10023/1085	10/17/76	80	8843	15.3	162.4	GGGG		88	15
16652N	5531N	2631-21240	00000/0000	2-10023/0771	10/14/76	70	8801	20.9	157.4	GGGG		85	19
16652N	5830N	2541-21304	00000/0000	2-10020/1006	07/16/76	70	7546	48.4	142.7	GGGG		85	19
16653N	6640N	2528-21572	00000/0000	2-10020/0458	07/03/76	90	7365	44.7	155.7	GGGG		90	13
16654N	6638N	2402-22005	00000/0000	2-10016/0091	02/28/76	10	5608	14.0	159.8	GGGG		90	13
16655N	6637N	2510-21575	00000/0000	2-10019/1084	06/15/76	10	7114	45.4	156.9	GGGG		90	13
16656N	5558N	2468-21274	00000/0000	2-10018/0755	05/04/76	90	6528	46.2	145.5	GGGG		84	21
16657N	6519N	2509-21523	00000/0000	2-10019/0989	06/14/76	10	7100	46.3	154.7	GGGG		89	14
16657N	6516N	2401-21553	00000/0000	2-10014/0516	02/27/76	10	5594	14.7	158.3	GGGG		89	14
16657N	5821N	2379-21351	00000/0000	2-10015/0537	02/05/76	90	5287	12.5	153.9	GGGG		85	19
16658N	6520N	2545-21513	00000/0000	2-10020/1244	07/20/76	90	7602	43.2	153.3	G GG		89	14
16658N	5600N	2450-21251	00000/0000	2-10017/1584	04/16/76	70	6277	40.5	147.3	GGGG		84	21
16700N	6517N	2635-21435	00000/0000	2-10023/1100	10/18/76	90	8857	13.9	163.8	GGGG		89	14
16700N	6343N	2382-21504	00000/0000	2-10015/0715	02/08/76	10	5329	9.3	157.7	FFFF		82	15
16701N	5558N	2594-21242	00000/0000	2-10022/0696	09/07/76	90	8285	35.9	148.3	GGGG		84	21
16702N	5552N	2558-21252	00000/0000	2-10021/0509	08/02/76	100	7783	46.5	140.7	GGGG		84	21
16703N	5556N	2576-21245	00000/0000	2-10021/1369	08/20/76	90	8034	41.6	144.3	GGGG		84	21
16703N	5555N	2432-21244	00000/0000	2-10017/0663	03/29/76	10	6026	33.8	148.4	GGGG		84	21
16703N	5311N	2467-21225	00000/0000	2-10018/0743	05/03/76	80	6514	47.7	142.1	GGGG		83	23
16704N	6010N	2452-21342	00000/0000	2-10017/1510	04/18/76	10	6305	35.2	151.9	FGGG		86	18
16704N	5510N	2449-21232	00000/0000	2-10017/1447	04/15/76	50	6263	42.0	144.3	FGFG		83	23
16706N	6011N	2578-21345	00000/0000	2-10021/1277	08/22/76	40	8062	38.2	149.6	GGGG		86	18
16707N	5513N	2612-21234	00000/0000	2-10022/1464	09/25/76	90	8536	29.7	152.1	GGGG		84	21
16707N	5546N	2414-21292	00000/0000	2-10016/1053	03/11/76	100	5775	26.8	149.3	GGGG		84	21
16707N	5543N	2666-21215	00000/0000	2-10025/0405	11/18/76	10	9289	12.4	157.9	GGGG		84	21
16707N	5305N	2557-21202	00000/0000	2-10021/0497	08/01/76	90	7769	48.3	136.9	GGGF		83	23
16708N	5546N	2543-21255	00000/0000	2-10020/0887	07/15/76	90	7532	50.2	138.6	GGGG		84	21
16708N	5545N	2504-21265	00000/0000	2-10019/0741	06/09/76	90	7030	52.4	140.2	GGGG		84	21
16708N	5310N	2575-21195	00000/0000	2-10022/0200	08/19/76	90	8020	43.7	140.8	GGGG		83	23
16708N	5307N	2431-21235	00000/0000	2-10017/0737	03/28/76	20	6012	35.4	145.8	GGGG		83	23

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=IR\* GAIN. H=HIGH GAIN

01:29 APR 23, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0829

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16709W	6505N	2303-21560	00000/0000	2-10015/0782	02/09/76	10	5343	8.5	158.9	GGGG		89	14
16709W	6006N	2470-21375	00000/0000	2-10018/0690	05/06/76	50	6556	43.9	150.6	FGGG		86	18
16709W	6004N	2434-21385	00000/0000	2-10017/0764	03/31/76	50	6054	31.6	152.4	FGGG		86	18
16709W	5307N	2593-21190	00000/0000	2-10022/0671	09/06/76	90	8271	38.2	143.3	GGFG		83	23
16710W	6623N	2384-22012	00000/0000	2-10015/0728	02/10/76	0	5357	7.8	160.2	FFFF		90	13
16710W	6006N	2596-21343	00000/0000	2-10022/0745	09/09/76	90	8313	32.3	152.9	GGGG		86	18
16710W	5542N	2522-21262	00000/0000	2-10020/0124	06/27/76	100	7281	52.3	138.4	GGGG		84	21
16711W	5544N	2648-21223	00000/0000	2-10024/0221	10/31/76	70	9038	17.4	167.3	GGGG		84	21
16711W	5541N	2396-21295	00000/0000	2-10016/0271	02/22/76	50	5524	20.0	150.5	FGGG		84	21
16711W	5300N	2485-21222	00000/0000	2-10019/0013	05/21/76	90	6765	51.8	139.0	GGGG		83	23
16712W	5541N	2630-21231	00000/0000	2-10023/0813	10/13/76	30	8787	23.5	155.2	GGGG		84	21
16712W	5538N	2378-21302	00000/0000	2-10015/0500	02/04/76	80	5273	14.3	152.2	FGGF		84	21
16712W	5257N	2503-21220	00000/0000	2-10019/0729	06/08/76	50	7016	53.9	136.0	GGGG		83	23
16713W	6002N	2660-21353	00000/0000	2-10021/0566	08/04/76	90	7811	43.4	146.6	GGGG		86	18
16713W	5257N	2539-21210	00000/0000	2-10020/0927	07/14/76	70	7518	51.8	134.4	GGGG		83	23
16714W	6001N	2614-21335	00000/0000	2-10023/0148	09/27/76	50	8564	25.8	156.1	GGGG		86	18
16715W	5955N	2416-21393	00000/0000	2-10016/1160	03/13/76	10	5803	24.6	152.8	FGGG		86	18
16715W	5303N	2611-21185	00000/0000	2-10022/1429	09/24/76	50	8522	32.2	149.6	FGGG		83	23
16715W	5254N	2413-21243	00000/0000	2-10016/1016	03/10/76	10	5761	28.4	147.1	GGGG		83	23
16716W	5254N	2395-21250	00000/0000	2-10016/0174	02/21/76	30	5510	21.7	148.7	FGGG		83	23
16717W	5955N	2632-21332	00000/0000	2-10023/0785	10/15/76	50	8815	19.4	158.6	GGGG		86	18
16717W	5952N	2506-21370	00000/0000	2-10019/0826	06/11/76	10	7058	49.9	146.3	GGGG		86	18
16717W	5256N	2665-21170	00000/0000	2-10025/0393	11/17/76	40	9275	14.9	156.4	GGGG		83	23
16717W	5252N	2521-21213	00000/0000	2-10020/0079	06/26/76	90	7267	53.8	134.0	GGFF		83	23
16718W	6937N	2459-22152	00000/0000	2-10018/0284	04/25/76	100	6403	33.3	165.2	GGGG		93	11
16718W	5256N	2629-21182	00000/0000	2-10023/0916	10/12/76	100	8773	26.0	153.1	GGGG		83	23
16719W	5255N	2647-21174	00000/0000	2-10024/0204	10/30/76	40	9024	20.0	155.5	FGGG		83	23
16720W	5951N	2393-21400	00000/0000	2-10016/0377	02/24/76	20	5552	17.7	153.5	GGGF		86	18
16721W	5949N	2524-21363	00000/0000	2-10020/0213	06/29/76	40	7309	49.7	144.7	GGGF		86	18
16722W	5953N	2650-21324	00000/0000	2-10024/0326	11/02/76	30	9066	13.4	160.1	FGGG		86	18
16724W	6934N	2441-22155	00000/0000	2-10017/1085	04/07/76	10	6152	26.9	164.7	GGGG		93	11
16725W	6935N	2585-22120	00000/0000	2-10022/0306	08/29/76	10	8160	28.8	163.7	GFFF		93	11
16726W	5939N	2488-21373	00000/0000	2-10019/0073	05/24/76	10	6807	48.2	148.2	GGGG		86	18
16727W	6928N	2477-22150	00000/0000	2-10018/0993	05/13/76	80	6654	38.5	164.6	FGGG		93	11
16729W	6135N	2453-21436	00000/0000	2-10017/1610	04/19/76	0	6319	37.6	153.5	FFGF		87	17

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

PAGE 0830

PAGE 0830

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REEL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16730.	5725	2469-21330	00000/0000	2-10018/0642	05/05/76	90	6542	45.5	147.2	GGGG		85	20
16731.	6930	2603-22112	00000/0000	2-10022/1081	09/16/76	90	8411	22.3	165.8	GGGG		93	11
16731.	5726	2451-21333	00000/0000	2-10017/1491	04/17/76	70	6291	39.8	148.8	GGGG		85	20
16733.	6930	2567-22123	00000/0000	2-10021/0919	08/11/76	80	7909	34.7	161.8	GGGG		93	11
16733.	6127	2471-21431	00000/0000	2-10018/0704	05/07/76	50	6570	43.2	152.4	GGGG		87	17
16734.	6127	2-35-21441	00000/0000	2-10017/0778	04/01/76	90	6068	31.0	153.9	GGGG		87	17
16735.	6922	2549-22130	00000/0000	2-10021/0243	07/24/76	60	7658	39.4	160.6	GGGG		93	11
16735.	5723	2577-21330	00000/0000	2-10021/1258	08/21/76	60	8048	40.4	146.1	GGGG		85	20
16736.	6925	2423-22163	00000/0000	2-10017/0262	03/20/76	10	5901	20.0	163.9	GGGG		93	11
16736.	5718	2559-21333	00000/0000	2-10021/0548	08/03/76	90	7797	45.4	142.8	GGGG		85	20
16737.	6126	2551-21404	00000/0000	2-10021/0613	08/05/76	10	7825	42.2	148.6	GGGG		87	17
16737.	6122	2489-21424	00000/0000	2-10019/0121	05/25/76	90	6821	47.2	150.5	GGGG		87	17
16737.	5720	2433-21340	00000/0000	2-10017/1677	03/30/76	90	6040	33.2	149.7	GGGG		85	20
16738.	6928	2621-22110	00000/0000	2-10023/0457	10/04/76	90	8662	15.5	167.6	GGGG		93	11
16738.	6922	2455-22143	00000/0000	2-10019/0434	05/31/76	100	6905	42.0	163.3	GGGG		93	11
16738.	6121	2615-21331	00000/0000	2-10023/0288	09/28/76	90	8578	24.4	157.5	GGGG		87	17
16738.	6119	2417-21445	00000/0000	2-10016/1098	03/14/76	10	5817	23.9	154.0	GGGG		87	17
16739.	5720	2525-21193	00000/0000	2-10022/0710	09/08/76	90	8299	34.6	149.9	GGGG		85	20
16740.	6117	2543-21412	00000/0000	2-10020/1139	07/13/76	90	7574	46.3	146.9	GGGG		87	17
16740.	5711	2467-21323	00000/0000	2-10019/0041	05/23/76	90	6793	49.6	144.7	GGGG		85	20
16741.	6115	2395-21450	00000/0000	2-10016/0409	02/25/76	0	5566	17.0	154.6	GGGG		87	17
16741.	5712	2415-21344	00000/0000	2-10017/0040	03/12/76	30	5789	26.2	150.4	GGGG		85	20
16742.	6259	2454-21455	00000/0000	2-10018/0032	04/20/76	40	6333	36.9	155.2	GGGG		88	16
16743.	6117	2413-22101	00000/0000	2-10015/0170	04/24/76	20	6389	34.1	162.8	GGGG		92	12
16743.	6117	2633-21334	00000/0000	2-10023/0945	10/16/76	90	8829	17.9	159.9	GGGG		87	17
16743.	6117	2525-21416	00000/0000	2-10023/0324	06/30/76	0	7323	48.7	146.9	GGGG		87	17
16744.	5704	2523-21314	00000/0000	2-10020/1007	07/16/76	90	7546	49.2	140.7	GGGG		85</	

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=CMYDEGRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0831

FBR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV MSS						123 45678				
16746N	5708N	2631-21283	00000/0000	2-10023/0772	10/14/76	70	8801	22.0	156.4			
16746N	5708N	2649-21275	00000/0000	2-10024/0318	11/01/76	90	9052	16.0	158.2	GGGG	85	20
16747N	5436N	2450-21284	00000/0000	2-10017/1555	04/16/76	70	6277	41.4	145.7	GGGG	85	20
16749N	6914N	2405-22170	00000/0000	2-10016/0737	03/02/76	10	5650	13.0	163.2	GGGF	84	22
16749N	6814N	2440-22104	00000/0000	2-10017/1072	04/06/76	10	6138	27.7	162.5	PGFG	93	11
16749N	6251N	2472-21483	00000/0000	2-10018/0819	05/08/76	40	6584	42.4	154.2	FGGF	92	12
16749N	5436N	2720-21200	00000/0000	2-10026/0450	01/11/77	40	42	9.5	152.1	GGG	88	16
16749N	5434N	2594-21244	00000/0000	2-10022/0697	09/07/76	90	8285	36.9	146.9	GGGG	84	22
16750N	6918N	2513-22140	00000/0000	2-10019/1212	06/18/76	60	7156	43.3	161.7	GGGG	84	22
16750N	6256N	2580-21453	00000/0000	2-10021/1383	08/24/76	90	8090	35.6	153.3	GGGG	93	11
16750N	6251N	2436-21493	00000/0000	2-10017/0892	04/02/76	40	6082	30.3	155.4	GGGG	88	16
16750N	5429N	2558-21254	00000/0000	2-10021/0510	08/02/76	90	7783	47.3	138.9	GGGG	88	16
16751N	6815N	2584-22064	00000/0000	2-10022/0247	08/28/76	50	8146	30.2	161.4	GGGG	84	22
16751N	6659N	2457-22045	00000/0000	2-10018/0132	04/23/76	40	6375	34.8	160.8	GGGG	92	12
16751N	5658N	2379-21354	00000/0000	2-10015/0538	02/05/76	90	5287	13.6	153.0	FGGG	91	13
16751N	5432N	2576-21251	00000/0000	2-10021/1370	08/20/76	90	8034	42.5	142.6	GGGG	85	20
16751N	5431N	2432-21291	00000/0000	2-10017/0664	03/29/76	30	6026	34.8	147.1	GGGG	84	22
16753N	6813N	2602-22061	00000/0000	2-10022/1022	09/15/76	90	8397	23.7	163.7	GGGG	84	22
16753N	6811N	2476-22094	00000/0000	2-10018/0911	05/12/76	50	6640	39.3	162.3	GGGG	92	12
16753N	6250N	2598-21450	00000/0000	2-10022/0880	09/11/76	90	8341	29.5	156.2	GGGG	92	12
16753N	5425N	2684-21213	00000/0000	2-10025/0589	12/06/76	30	9540	10.0	156.4	GGGG	88	16
16754N	6101N	2381-21455	00000/0000	2-10015/0598	02/07/76	10	5315	11.1	155.6	FGGG	84	22
16754N	5423N	2414-21294	00000/0000	2-10016/1054	03/11/76	100	5775	27.8	148.2	GGGG	87	17
16755N	5428N	2612-21241	00000/0000	2-10022/1465	09/25/76	90	8536	30.8	151.0	GGGG	84	22
16755N	5420N	2664-21221	00000/0000	2-10025/0406	11/18/76	30	9289	13.5	157.1	GGGG	84	22
16756N	6810N	2566-22071	00000/0000	2-10021/0859	08/10/76	90	7895	36.0	159.3	GGGG	84	22
16756N	6412N	2473-21534	00000/0000	2-10018/0882	05/09/76	60	6598	41.7	156.1	GGGG	92	12
16756N	6245N	2562-21460	00000/0000	2-10021/0697	08/06/76	80	7839	41.1	150.6	GGGG	89	15
16756N	6242N	2430-21420	00000/0000	2-10019/0202	05/26/76	90	6835	46.4	152.4	GGFG	88	16
16756N	5422N	2540-21261	00000/0000	2-10020/0888	07/15/76	90	7532	50.9	136.6	GGGG	88	16
16756N	5421N	2504-21271	00000/0000	2-10019/0742	06/09/76	90	7030	53.2	138.0	GGGG	84	22
16757N	6415N	2455-21541	00000/0000	2-10018/0723	04/21/76	0	6347	36.2	156.9	GGGG	84	22
16757N	5419N	2522-21265	00000/0000	2-10020/0125	06/27/76	90	7281	53.0	136.2	GGGG	89	15
16758N	6805N	2422-22111	00000/0000	2-10017/0280	03/19/76	40	5887	20.7	161.9	GGGG	84	22
16758N	6243N	2418-21500	00000/0000	2-10017/0052	03/15/76	10	5831	23.3	155.4	FFGG	92	12
										FGGG	88	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

31:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0832

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLSD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
LONG	LAT	RBV						123 45678				
16758N	5420N	2648-21230	00000/0000	2-10024/0222	10/31/76	50	9038	18.5	156.4	GGGG	84	22
16758N	5417N	2396-21332	00000/0000	2-10016/0272	02/22/76	60	5524	21.0	149.6	GGGG	84	22
16759N	6537N	2456-21537	00000/0000	2-10018/0111	04/22/76	10	6361	35.5	158.8	GGGG	90	14
16759N	6240N	2544-21463	00000/0000	2-10020/1235	07/19/76	90	7588	45.2	149.1	GGGG	88	16
16759N	5417N	2630-21234	00000/0000	2-10023/0814	10/13/76	30	8787	24.6	154.2	GGGG	84	22
16800N	6244N	2616-21443	00000/0000	2-10023/0303	09/29/76	90	8592	22.9	159.0	GGGG	88	16
16801N	6416N	2581-21505	00000/0000	2-10027/0149	08/25/76	60	8104	34.3	155.2	GFG	89	15
16801N	6413N	2437-21545	00000/0000	2-10017/0906	04/03/76	30	6096	29.7	157.0	GGGG	89	15
16801N	6233N	2508-21473	00000/0000	2-10019/1049	06/13/76	20	7086	48.2	150.4	GGGG	88	16
16801N	5413N	2378-21334	00000/0000	2-10015/0501	02/04/76	100	5273	15.3	151.4	FGGG	84	22
16802N	6805N	2494-22091	00000/0000	2-10019/0404	05/30/76	100	6891	42.9	160.9	GGGG	92	12
16802N	6239N	2526-21471	00000/0000	2-10020/0360	07/01/76	30	7337	47.7	149.0	GGGG	88	16
16802N	6236N	2400-21504	00000/0000	2-10014/0457	02/26/76	0	5580	16.3	155.7	GGGG	88	16
16802N	6236N	2652-21431	00000/0000	2-10024/0379	11/04/76	60	9094	10.5	162.3	GGGG	88	16
16803N	6805N	2620-22054	00000/0000	2-10023/0513	10/03/76	90	8648	17.0	165.7	GGGG	88	16
16803N	5847N	2452-21385	00000/0000	2-10017/1511	04/18/76	10	6305	39.2	150.3	GGGG	86	19
16804N	6536N	2438-22000	00000/0000	2-10017/0921	04/04/76	40	6110	29.0	158.7	GGGG	90	14
16804N	6534N	2474-21590	00000/0000	2-10018/0936	05/10/76	10	6612	40.9	158.1	GGGG	90	14
16805N	6657N	2583-22012	00000/0000	2-10022/0215	08/27/76	40	8132	31.6	159.2	GGGG	91	13
16805N	6653N	2439-22052	00000/0000	2-10017/1013	04/05/76	50	6124	28.4	160.5	FGGG	91	13
16805N	6236N	2634-21435	00000/0000	2-10023/1086	10/17/76	90	8843	16.5	161.1	GGGG	88	16
16805N	5848N	2575-21352	00000/0000	2-10021/1278	08/22/76	90	8062	39.1	148.0	GGGG	86	19
16806N	6759N	2530-22042	00000/0000	2-10020/0519	07/05/76	80	7393	43.5	158.0	GGGG	92	12
16806N	5842N	2434-21392	00000/0000	2-10017/0765	03/31/76	80	6054	32.6	151.0	GGGG	86	19
16807N	5844N	2470-21382	00000/0000	2-10015/0691	05/06/76	50	6556	44.9	148.8	GGGG	86	19
16808N	6419N	2594-21502	00000/0000	2-10022/0907	09/12/76	80	8355	28.1	157.9	GGGG	89	15
16808N	6404N	2419-21552	00000/0000	2-10017/0088	03/16/76	20	5845	22.6	156.9	GGGG	89	15
16809N	6202N	2548-22074	00000/0000	2-10021/0052	07/23/76	50	7644	40.6	158.0	GGG	92	12
16809N	5550N	2601-22005	00000/0000	2-10022/1005	09/14/76	50	8383	25.2	161.6	GGGG	91	13
16809N	6536N	2582-21531	00000/0000	2-10022/0106	08/26/76	90	8118	32.9	157.1	FGGG	90	14
16809N	5842N	2596-21345	00000/0000	2-10022/0746	09/09/76	90	8313	33.3	151.5	GGGG	86	19
16810N	6408N	2563-21512	00000/0000	2-10021/0721	08/07/76	100	7853	39.8	152.7	GGGG	89	15
16810N	6406N	2617-21495	00000/0000	2-10023/0252	09/30/76	90	8676	21.5	160.6	FGGG	89	15
16810N	6402N	2491-21532	00000/0000	2-10019/0535	05/27/76	60	6849	45.5	154.4	GGGG	89	15
16811N	6527N	2492-21534	00000/0000	2-10019/0305	05/28/76	90	6863	44.7	156.5	GFGG	90	14

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0833

FBR 115  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM POSITION	ROLL NO./ IN ROLL	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG LAT		RBV	MSS						123 45678				
16812N	6758N	2404-22115	00000/0000	2-10016/0632	03/01/76	10	5636	13.7	161.5	GGGG		92	12
16812N	6754N	2386-22122	00000/0000	2-10015/0855	02/12/76	70	5385	7.3	161.8	GFFG		92	12
16812N	6222N	2382-21511	00000/0000	2-10015/0716	02/08/76	10	5329	10.3	156.6	FFFG		88	16
16812N	5838N	2560-21355	00000/0000	2-10021/0567	08/04/76	90	7811	44.3	144.7	GGGG		86	19
16812N	5838N	2614-21342	00000/0000	2-10023/0149	09/27/76	40	8564	26.9	154.9	GGGG		86	19
16813N	6645N	2493-22035	00000/0000	2-10019/0061	05/29/76	70	6877	43.8	158.7	GGGG		91	13
16813N	6531N	2564-21564	00000/0000	2-10021/0762	08/08/76	50	7867	38.6	154.8	FGGF		90	14
16813N	6531N	2600-21554	00000/0000	2-10023/0016	09/13/76	70	8369	26.6	159.7	GGGG		90	14
16813N	6401N	2527-21522	00000/0000	2-10027/0422	07/02/76	60	7351	46.7	151.2	GGGG		89	15
16813N	5833N	2416-21395	00000/0000	2-10016/1161	03/13/76	10	5803	25.6	151.5	FFGG		86	19
16814N	6644N	2421-22060	00000/0000	2-10017/0137	03/18/76	10	5873	21.4	160.0	GGGG		91	13
16815N	6645N	2619-22002	00000/0000	2-10023/0426	10/02/76	90	8634	18.5	163.8	GGGG		91	13
16815N	6528N	2618-21550	00000/0000	2-10023/0386	10/01/76	80	8620	20.0	162.2	GGGG		90	14
16815N	5832N	2632-21334	00000/0000	2-10023/0786	10/15/76	60	8815	20.5	157.6	GGGG		86	19
16815N	5829N	2506-21372	00000/0000	2-10019/0827	06/11/76	90	7058	50.8	144.1	GGGG		86	19
16816N	6644N	2547-22023	00000/0000	2-10021/0084	07/22/76	50	7630	41.8	155.7	GGGG		91	13
16817N	6523N	2420-22004	00000/0000	2-10017/0122	03/17/76	10	5859	22.0	158.3	FGGG		90	14
16817N	6357N	2509-21525	00000/0000	2-10019/0990	06/14/76	10	7100	47.3	152.4	GGGG		89	15
16817N	6356N	2401-21555	00000/0000	2-10016/0517	02/27/76	0	5594	15.7	156.9	GGGG		89	15
16818N	6400N	2545-21515	00000/0000	2-10020/1259	07/20/76	90	7602	44.1	151.2	FGGG		89	15
16818N	5829N	2398-21403	00000/0000	2-10016/0378	02/24/76	20	5552	18.7	152.4	GGGG		86	19
16819N	6642N	2529-22030	00000/0000	2-10020/0257	07/04/76	80	7379	44.6	155.7	GGGG		91	13
16819N	6640N	2637-21594	00000/0000	2-10023/0855	10/20/76	40	8885	12.0	165.5	FGGG		91	13
16819N	5822N	2546-21571	00000/0000	2-10021/0016	07/21/76	60	7616	43.0	153.4	GGGG		90	14
16819N	5826N	2524-21370	00000/0000	2-10020/0214	06/29/76	90	7309	50.5	142.6	GGGG		86	19
16820N	6520N	2528-21574	00000/0000	2-10020/0459	07/03/76	70	7365	45.7	153.4	GGGG		90	14
16820N	6356N	2635-21491	00000/0000	2-10023/1101	10/18/76	90	8857	15.0	162.5	GGGG		89	15
16820N	5830N	2650-21330	00000/0000	2-10024/0327	11/02/76	90	9066	14.5	159.2	GGGG		86	19
16821N	6521N	2636-21543	00000/0000	2-10023/1139	10/19/76	90	8871	13.5	163.9	FGGG		90	14
16821N	6518N	2402-22011	00000/0000	2-10016/0092	02/28/76	0	5608	15.0	158.3	GGGG		90	14
16821N	5601N	2469-21332	00000/0000	2-10018/0643	05/05/76	90	6542	46.4	145.4	FGGG		85	21
16822N	6639N	2511-22033	00000/0000	2-10019/1153	06/16/76	30	7128	45.4	156.8	GGGG		91	13
16822N	6635N	2385-22070	00000/0000	2-10015/0889	02/11/76	10	5371	8.0	160.3	FGGG		91	13
16822N	5602N	2451-21335	00000/0000	2-10017/1492	04/17/76	60	6291	40.8	147.2	GGGG		85	21
16823N	6517N	2510-21581	00000/0000	2-10019/1085	06/15/76	20	7114	46.3	154.6	GGGG		90	14

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0034

PRINCIPAL POINT OF IMAGE	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER %	SUN NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16823	5816V	2468-21350	00000/0000	2-10019/0074	05/24/76	40	6807	49.1	146.1	FGGG	86	19
16824	6637V	2403-22063	00000/0000	2-10016/0591	02/29/76	20	5622	14.4	159.8	G G	91	13
16826	5559N	2577-21303	00000/0000	2-10021/1259	08/21/76	70	8048	41.3	144.5	GGGG	85	21
16827	5556N	2433-21343	00000/0000	2-10017/0678	03/30/76	90	6040	34.2	148.4	GGGG	85	21
16827	5554N	2559-21310	00000/0000	2-10021/0549	08/03/76	90	7797	46.3	140.9	GGGG	85	21
16829	6344V	2383-21563	00000/0000	2-10015/0783	02/09/76	10	5343	9.6	157.6	GGFG	89	15
16830	5556V	2595-21300	00000/0000	2-10022/0711	09/08/76	90	8299	35.6	148.5	GGGG	85	21
16830	5310N	2468-21287	00000/0000	2-10018/0757	05/04/76	80	6528	48.0	141.9	GGGG	84	23
16831	6011V	2453-21440	00000/0000	2-10017/1611	04/19/76	0	6319	38.6	151.9	GGFG	87	18
16831	5549V	2415-21350	00000/0000	2-10017/0041	03/12/76	60	5789	27.1	149.3	GGGG	85	21
16831	5547V	2437-21330	00000/0000	2-10019/0042	05/23/76	90	6793	50.5	142.7	GGGG	85	21
16832	5312V	2450-21290	00000/0000	2-10017/1586	04/16/76	70	6277	42.4	144.2	GGGG	84	23
16833	5545V	2541-21313	00000/0000	2-10020/1008	07/16/76	90	7546	50.0	138.7	GGGG	85	21
16834	5541V	2523-21320	00000/0000	2-10020/0158	06/28/76	20	7295	52.2	138.3	GGGG	85	21
16834	5311N	2720-21232	00000/0000	2-10026/0451	01/11/77	40	42	10.6	151.4	GGGG	84	23
16834	5309N	2594-21251	00000/0000	2-10020/0698	09/07/76	70	8285	37.8	145.6	GGGG	84	23
16834	5309V	2702-21211	00000/0000	2-10025/1601	12/24/76	30	9791	9.6	153.9	GGGG	84	23
16835	6005V	2471-21433	00000/0000	2-10018/0705	05/07/76	50	6570	44.2	150.5	GGGG	87	18
16835	5549N	2613-21293	00000/0000	2-10023/0067	09/26/76	50	8550	29.4	152.3	GGGG	85	21
16835	5305N	2558-21261	00000/0000	2-10021/0511	08/02/76	90	7783	48.1	137.0	GGGG	84	23
16836	6502N	2384-22014	00000/0000	2-10015/0729	02/10/76	10	5357	8.9	158.8	FFFF	90	14
16836	5544V	2397-21353	00000/0000	2-10016/0256	02/23/76	50	5538	20.4	150.5	GGGG	85	21
16836	5544V	2631-21235	00000/0000	2-10023/0773	10/14/76	70	8801	23.1	155.4	GGGG	85	21
16836	5543N	2505-21323	00000/0000	2-10019/0792	06/10/76	80	7044	52.4	140.0	GGGG	85	21
16836	5305V	2576-21254	00000/0000	2-10021/1371	08/20/76	70	8034	43.4	141.0	GGGG	84	23
16836	5307V	2432-21293	00000/0000	2-10017/0665	03/29/76	70	6026	35.7	145.8	GGGG	84	23
16837	6005V	2435-21444	00000/0000	2-10017/0779	04/01/76	90	6068	32.0	152.4	GGGG	87	18
16838	5544N	2649-21231	00000/0000	2-10024/0319	11/01/76	90	9052	17.1	157.3	GGGG	85	21
16839	5304V	2612-21243	00000/0000	2-10023/1466	09/25/76	80	8536	31.8	149.8	GGGG	84	23
16839	5301V	2684-21215	00000/0000	2-10025/0590	12/06/76	40	9540	11.1	155.7	GGGG	84	23
16840	5004V	2561-21411	00000/0000	2-10021/0614	08/05/76	20	7825	43.2	146.8	GGGG	87	18
16840	5959V	2449-21431	00000/0000	2-10019/0122	05/25/76	100	6821	48.1	148.5	GGGG	87	18
16840	5958V	2615-21394	00000/0000	2-10023/0289	09/28/76	90	8578	25.5	156.2	FGGG	87	18
16840	5259V	2414-21301	00000/0000	2-10016/1055	03/11/76	100	5775	28.7	147.1	GGGG	84	23
16840	5258V	2540-21264	00000/0000	2-10020/0839	07/15/76	90	7532	51.7	134.5	GGGG	84	23

KEYS: CLOUD COVER ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0835

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16840	5256N	2504-21274	00000/0000	2-10019/0743	06/09/76	90	7030	53.9	135.8	GGGG	84	23
16841	5956N	2417-21451	00000/0000	2-10016/1099	03/14/76	10	5817	24.9	152.8	GGGG	87	18
16841	5535N	2379-21350	00000/0000	2-10015/0539	02/05/76	100	5287	14.6	152.1	GGGG	85	21
16841	5256N	2646-21224	00000/0000	2-10025/0407	11/18/76	40	9289	14.6	156.4	GGGG	84	23
16841	5255N	2522-21271	00000/0000	2-10020/0126	06/27/76	90	7281	53.8	134.0	GGGG	84	23
16843	5953N	2543-21414	00000/0000	2-10020/1140	07/18/76	90	7574	47.2	144.9	GGGG	87	18
16843	5253N	2396-21304	00000/0000	2-10016/0273	02/22/76	50	5524	22.0	148.6	GGGG	84	23
16844	5954N	2525-21421	00000/0000	2-10020/0325	06/30/76	20	7323	49.6	144.8	GGGG	87	18
16844	5953N	2399-21454	00000/0000	2-10016/0410	02/25/76	10	5566	18.0	153.4	GGGG	87	18
16844	5256N	2648-21232	00000/0000	2-10024/0223	10/31/76	40	9038	19.7	155.6	GGGG	84	23
16844	5253N	2630-21240	00000/0000	2-10023/0815	10/13/76	40	8787	25.7	153.2	GGGG	84	23
16846	5954N	2633-21390	00000/0000	2-10023/0950	10/16/76	100	8829	19.0	158.8	GGGG	87	18
16846	5250N	2378-21311	00000/0000	2-10015/0502	02/04/76	100	5273	16.4	150.6	GGGG	84	23
16847	5952N	2651-21382	00000/0000	2-10024/0336	11/03/76	70	9080	13.1	160.2	GGGG	87	18
16848	5951N	2507-21424	00000/0000	2-10019/1026	06/12/76	0	7072	50.0	146.1	GGGG	87	18
16850	6137N	2454-21492	00000/0000	2-10018/0033	04/20/76	30	6333	37.9	153.5	GGGG	88	17
16856	5939N	2381-21461	00000/0000	2-10015/0599	02/07/76	10	5315	12.1	154.6	GGGG	87	18
16858	6133N	2580-21455	00000/0000	2-10021/1334	08/24/76	100	8090	36.6	151.6	GGGG	88	17
16858	6130N	2436-21495	00000/0000	2-10017/0893	04/02/76	50	6082	31.4	153.9	GGGG	88	17
16858	6129N	2472-21485	00000/0000	2-10018/0820	05/08/76	90	6584	43.4	152.3	GGGG	88	17
16858	5724N	2452-21391	00000/0000	2-10017/1512	04/18/76	10	6305	40.2	148.7	GGGG	86	20
16900	5724N	2578-21354	00000/0000	2-10021/1279	08/22/76	90	8062	40.1	146.4	GGGG	86	20
16900	5718N	2434-21394	00000/0000	2-10017/0766	03/31/76	90	6054	33.6	149.6	GGGG	86	20
16902	6128N	2598-21459	00000/0000	2-10022/0881	09/11/76	100	8341	30.5	154.7	GGGG	88	17
16902	5720N	2470-21344	00000/0000	2-10018/0692	05/06/76	70	6556	45.8	147.0	GGGG	86	20
16904	6123N	2562-21463	00000/0000	2-10021/0698	08/06/76	100	7839	42.0	148.7	GGGG	88	17
16904	6120N	2490-21483	00000/0000	2-10019/0203	05/26/76	90	6835	47.3	150.4	GGGG	88	17
16904	5719N	2596-21352	00000/0000	2-10022/0747	09/09/76	90	8313	34.3	150.1	GGGG	86	20
16906	6121N	2418-21503	00000/0000	2-10017/0053	03/15/76	10	5831	24.3	154.0	GGGG	88	17
16907	6118N	2544-21470	00000/0000	2-10020/1236	07/19/76	100	7588	46.1	147.0	GGGG	88	17
16907	5715N	2560-21362	00000/0000	2-10021/0568	08/04/76	80	7811	45.2	142.9	GGGG	86	20
16907	5714N	2614-21344	00000/0000	2-10023/0150	09/27/76	40	8564	28.0	153.7	GGGG	86	20
16907	5710N	2416-21402	00000/0000	2-10016/1162	03/13/76	70	5803	26.6	150.4	GGGG	86	20
16908	6122N	2616-21445	00000/0000	2-10023/0304	09/29/76	90	8592	24.0	157.7	GGGG	88	17
16908	6116N	2508-21450	00000/0000	2-10019/1050	06/13/76	20	7086	49.1	148.2	GGGG	88	17

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=UNCOMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 25, 1977

LANDSAT-2  
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PAGE 0836

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
16909N	6818N	2459-22155	00000/0000	2-10018/0285	04/25/76	90	6403	34.4	162.9	GGGG		93	12
16909N	6816N	2526-21473	00000/0000	2-10020/0361	07/01/76	10	7337	48.6	146.9	GGGG		88	17
16909N	5709N	2632-21341	00000/0000	2-10023/0787	10/15/76	70	8815	21.6	156.5	GGGG		86	20
16909N	5706N	2506-21375	00000/0000	2-10019/0828	06/11/76	90	7058	51.7	142.0	GGGG		86	20
16909N	5437N	2469-21335	00000/0000	2-10018/0644	05/03/76	90	6542	47.3	143.6	GGGG		85	22
16910N	6250N	2473-21541	00000/0000	2-10018/0843	06/09/76	90	6598	42.7	154.1	GGGG		89	16
16910N	6114N	2400-21510	00000/0000	2-10016/0458	02/26/76	0	5580	17.4	154.5	GGGG		88	17
16910N	6114N	2652-21434	00000/0000	2-10024/0380	11/04/76	70	9094	11.6	161.2	GGGG		88	17
16910N	5438N	2451-21342	00000/0000	2-10017/1493	04/17/76	80	6291	41.8	145.7	GGGG		85	22
16911N	6253N	2455-21544	00000/0000	2-10018/0224	04/21/76	10	6347	37.3	155.1	GGGG		89	16
16912N	5703N	2524-21372	00000/0000	2-10020/0215	06/29/76	100	7309	51.4	140.4	FFGG		86	20
16912N	5146N	2468-21290	00000/0000	2-10018/0758	05/04/76	90	6528	48.8	140.1	GGGG		84	24
16913N	6114N	2634-21442	00000/0000	2-10023/1027	10/17/76	90	8843	17.6	160.0	GGGG		88	17
16913N	5706N	2338-21405	00000/0000	2-10016/0379	02/24/76	30	5552	19.7	151.4	GGGG		86	20
16914N	6815N	2441-22162	00000/0000	2-10017/1086	04/07/76	10	6152	28.0	162.6	GGGG		93	12
16914N	5435N	2577-21305	00000/0000	2-10021/1260	08/21/76	90	8048	42.2	142.9	FFGG		85	22
16915N	6817N	2585-22122	00000/0000	2-10022/0307	08/29/76	10	8160	29.8	161.5	FFFF		93	12
16915N	6254N	2581-21511	00000/0000	2-10022/0150	08/25/76	80	8104	35.3	153.5	FGG		89	16
16915N	6252N	2437-21551	00000/0000	2-10017/0907	04/03/76	30	6096	30.7	155.4	GGGG		89	16
16915N	5707N	2650-21333	00000/0000	2-10024/0328	11/02/76	90	9066	15.7	158.3	GGGG		86	20
16915N	5654N	2488-21382	00000/0000	2-10019/0075	05/24/76	100	6807	50.0	144.1	GGGG		86	20
16915N	5432N	2433-21345	00000/0000	2-10017/0679	03/30/76	90	6040	35.1	147.0	GGGG		85	22
16915N	5148N	2450-21293	00000/0000	2-10017/1587	04/16/76	50	6277	43.3	142.7	FFGG		84	24
16916N	5429N	2559-21312	00000/0000	2-10021/0650	08/03/76	40	7797	47.1	139.1	GGGG		85	22
16917N	6810N	2477-22152	00000/0000	2-10018/0994	05/13/76	80	6654	39.6	162.2	GGFF		93	12
16917N	5427N	2685-21271	00000/0000	2-10025/0759	12/07/76	100	9554	9.8	156.3	FGGF		85	22
16917N	5146N	2720-21235	00000/0000	2-10026/0452	01/11/77	20	42	11.6	150.7	GGGG		84	24
16917N	5145N	2594-21253	00000/0000	2-10022/0699	09/07/76	30	8285	38.8	144.2	GGGG		84	24
16917N	5145N	2702-21213	00000/0000	2-10025/1602	12/24/76	30	9791	10.7	153.2	GGGG		84	24
16918N	5433N	2721-21254	00000/0000	2-10026/0515	01/12/77	50	56	9.7	151.9	GGGG		85	22
16918N	5425N	2415-21357	00000/0000	2-10017/0042	03/12/76	40	5789	28.1	148.2	GGGG		85	22
16918N	5144N	2576-21260	00000/0000	2-10021/1372	08/20/76	90	8034	44.2	139.4	GGGG		84	24
16918N	5142N	2432-21300	00000/0000	2-10017/0666	03/29/76	70	6026	36.7	144.5	GGGG		84	24
16918N	5140N	2558-21263	00000/0000	2-10021/0512	08/02/76	90	7783	48.9	135.1	GGGG		84	24
16919N	5432N	2595-21302	00000/0000	2-10022/0712	09/08/76	90	8299	36.6	147.1	GGGG		85	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAD NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=UNPROCESSED, L=LINEAR  
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01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0837

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16919N	5423N	2437-21332	00000/0000	2-10019/0043	05/23/76	60	6793	51.4	140.7	GGGG		85	22
16920N	6100N	2382-21513	00000/0000	2-10015/0717	02/08/76	10	5329	11.4	155.5	FGGG		88	17
16920N	5421N	2541-21320	00000/0000	2-10020/1009	07/16/76	90	7546	50.8	136.6	GGGG		85	22
16921N	6811N	2603-22115	00000/0000	2-10022/1082	09/16/76	90	8411	23.4	163.7	GGGG		93	12
16921N	6657N	2458-22103	00000/0000	2-10018/0171	04/24/76	10	6389	35.1	160.7	GGGG		92	13
16921N	6539N	2457-22051	00000/0000	2-10018/0133	04/23/76	20	6375	35.8	158.8	GGGG		91	14
16921N	6416N	2456-22000	00000/0000	2-10018/0112	04/22/76	10	6361	36.6	156.9	GGGG		90	15
16921N	5140N	2612-21257	00000/0000	2-10022/1467	09/25/76	50	8536	32.8	148.7	GGGG		84	24
16921N	5137N	2634-21222	00000/0000	2-10025/0591	12/06/76	50	9540	12.2	155.0	FFFF		84	24
16922N	6812N	2567-22125	00000/0000	2-10021/0920	08/11/76	80	7909	35.7	159.4	GGGG		93	12
16922N	6247N	2563-21514	00000/0000	2-10021/0722	08/07/76	80	7653	40.8	150.7	GGGG		89	16
16922N	6247N	2599-21504	00000/0000	2-10022/0908	09/12/76	80	8365	29.2	156.3	GGGG		89	16
16922N	6243N	2419-21555	00000/0000	2-10017/0089	03/16/76	30	5845	23.7	155.4	GGGG		89	16
16922N	5426N	2613-21295	00000/0000	2-10023/0068	09/26/76	80	8550	30.4	151.2	GGGG		85	22
16922N	5418N	2523-21323	00000/0000	2-10023/0159	06/28/76	60	7295	53.0	136.2	GGGG		85	22
16922N	5134N	2546-21270	00000/0000	2-10020/0890	07/15/76	90	7532	52.4	132.4	GGGG		84	24
16922N	5132N	2504-21280	00000/0000	2-10019/0744	06/09/76	100	7030	54.7	133.6	GGGG		84	24
16923N	6244N	2617-21501	00000/0000	2-10023/0253	09/30/76	70	8606	22.6	159.2	GGGG		89	16
16923N	6241N	2491-21534	00000/0000	2-10019/0596	05/27/76	70	6849	46.5	152.3	GGGG		89	16
16923N	5420N	2397-21360	00000/0000	2-10016/0257	02/23/76	50	5538	21.4	149.5	GGGG		85	22
16923N	5419N	2505-21330	00000/0000	2-10019/0793	06/10/76	90	7044	53.2	137.8	GGGG		85	22
16923N	5135N	2414-21303	00000/0000	2-10016/1056	03/11/76	100	5775	29.7	146.0	GGGG		84	24
16924N	6803N	2549-22133	00000/0000	2-10021/0244	07/24/76	70	7658	40.4	158.1	GGGG		93	12
16924N	5420N	2631-21292	00000/0000	2-10023/0774	10/14/76	50	8801	24.2	154.4	GGGG		85	22
16924N	5132N	2666-21230	00000/0000	2-10025/0408	11/18/76	40	9289	15.8	155.6	FGFG		84	24
16924N	5131N	2522-21274	00000/0000	2-10023/0127	06/27/76	90	7281	54.4	131.8	GGGG		84	24
16925N	6806N	2423-22165	00000/0000	2-10017/0263	03/20/76	20	5901	21.1	161.9	FGGG		93	12
16925N	5129N	2396-21311	00000/0000	2-10016/0274	02/22/76	40	5524	23.0	147.7	GGGG		84	24
16926N	6806N	2621-22112	00000/0000	2-10023/0458	10/04/76	90	8662	16.6	165.8	GGGG		93	12
16926N	6803N	2495-22145	00000/0000	2-10019/0435	05/31/76	100	6905	43.1	160.8	GGGG		93	12
16926N	5415N	2438-22003	00000/0000	2-10017/0922	04/04/76	30	6110	30.0	157.0	GGGG		90	15
16926N	6239N	2527-21526	00000/0000	2-10020/0423	07/02/76	40	7361	47.6	149.0	GGGG		89	16
16926N	5420N	2649-21284	00000/0000	2-10024/0320	11/01/76	90	9052	18.2	156.5	GGGG		85	22
16927N	5654N	2440-22110	00000/0000	2-10017/1071	04/06/76	20	6138	28.7	160.6	GGGG		92	13
16927N	5412N	2474-21593	00000/0000	2-10018/0937	05/10/76	40	6612	41.9	156.0	GGGG		90	15

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0838

FOR US

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL	DATE ACQUIRED	CLOUD COVER %	BRRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	BRRIT PATH NUM.	FRAME ROW NUM.
LONG	LAT		RBV MSS						123 45678				
16927	5131N	2648-21235	00000/0000 2-10024/0224	10/31/76	40	9038	20.8	154.7					
16927	5129N	2630-21243	00000/0000 2-10023/0216	10/31/76	30	8787	26.7	152.3	GGGG			84	24
16929	6656N	2584-22071	00000/0000 2-10022/0248	05/28/76	10	8146	31.2	159.3	GGGG			84	24
16929	6236N	2653-21490	00000/0000 2-10025/0031	11/05/76	60	9108	10.2	162.3	GGGG			92	13
16929	6235N	2509-21532	00000/0000 2-10019/0991	06/14/76	10	7100	48.2	150.2	GGG			89	16
16929	5411N	2379-21363	00000/0000 2-10015/0540	02/05/76	100	5287	15.7	151.3	GGGG			89	16
16929	5126N	2378-21313	00000/0000 2-10015/0540	02/04/76	100	5273	17.4	149.8	FFFF			85	22
16930	6414N	2582-21563	00000/0000 2-10022/0107	08/26/76	100	8118	34.0	155.3	GGGG			84	24
16930	6238N	2545-21522	00000/0000 2-10020/1260	07/20/76	100	7602	45.1	149.1	GGGG			90	15
16930	6234N	2401-21562	00000/0000 2-10016/0518	02/27/76	0	5594	16.7	155.7	GGGG			89	16
16930	5842N	2453-21443	00000/0000 2-10017/1612	04/19/76	0	6319	39.6	150.2	GGGG			89	16
16931	6651N	2476-22100	00000/0000 2-10018/0912	05/12/76	60	6640	40.4	160.0	GGFG			87	19
16932	6653N	2602-22064	00000/0000 2-10022/1023	09/15/76	90	8397	24.8	161.8	GGGG			92	13
16933	6801	2531-22140	00000/0000 2-10020/0535	07/06/76	20	7407	43.4	158.0	GGGG			92	13
16933	6235N	2635-21494	00000/0000 2-10023/1102	10/18/76	90	8857	16.1	161.2	GGGG			93	12
16934	6650N	2566-22074	00000/0000 2-10021/0860	08/10/76	100	7895	37.0	157.1	GGGF			89	16
16934	6533N	2439-22055	00000/0000 2-10017/1014	04/05/76	10	6124	29.4	158.7	GGGG			92	13
16934	6410N	2564-21570	00000/0000 2-10021/0763	08/08/76	80	7867	39.5	152.8	FGGG			91	14
16934	6410N	2600-21560	00000/0000 2-10023/0017	09/13/76	80	8369	27.7	152.1	GGFF			90	15
16934	6406N	2492-21590	00000/0000 2-10019/0306	05/28/76	70	6863	45.7	154.4	GGGG			90	15
16934	5842N	2471-21440	00000/0000 2-10018/0706	05/07/76	60	6570	45.2	148.7	FFGF			90	15
16935	6536N	2583-22015	00000/0000 2-10022/0216	08/27/76	70	8132	32.6	157.3	GGGG			87	19
16935	5842N	2435-21450	00000/0000 2-10017/0780	04/01/76	100	6068	33.0	151.0	GGGG			91	14
16936	6646N	2422-22114	00000/0000 2-10017/0281	03/19/76	90	5887	21.7	160.1	GGGG			87	19
16937	6759N	2639-22104	00000/0000 2-10023/1292	10/22/76	90	8913	10.1	167.1	PGGG			92	13
16937	6756N	2405-22173	00000/0000 2-10016/0738	03/02/76	20	5650	14.1	161.4	GGGG			93	12
16937	6402N	2420-22010	00000/0000 2-10017/0123	03/17/76	10	5859	23.1	156.3	FGGG			93	12
16938	6759N	2513-22143	00000/0000 2-10019/1213	06/18/76	40	7156	44.4	159.1	GGGG			90	15
16939	6529N	2601-22012	00000/0000 2-10022/1006	09/14/76	90	8383	26.3	159.8	GGGG			93	12
16939	6402N	2546-21573	00000/0000 2-10021/0017	07/21/76	60	7616	43.9	151.2	GGGG			91	14
16939	5836N	2489-21433	00000/0000 2-10019/0123	05/25/76	70	6821	49.0	146.5	GGGG			90	15
16939	5835N	2615-21400	00000/0000 2-10023/0290	09/28/76	90	8578	26.6	155.0	GGGG			87	19
16939	5833N	2417-21454	00000/0000 2-10016/1100	03/14/76	30	5817	25.9	151.5	GGGG			87	19
16940	6645N	2494-22094	00000/0000 2-10019/0405	05/30/76	100	6891	44.0	158.5	GGGG			87	19
16940	6359N	2528-21581	00000/0000 2-10020/0460	07/03/76	50	7365	46.6	151.1	GGGG			92	13

KEYS: CLOUD COVER % ..... 0 TO 100 % CLOUD COVER,  
 IMAGE QUALITY ..... BLANKS=RAW NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR,  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0839

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO., POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
16940N	6357N	2402-22014	00000/0000	2-10016/0093	02/28/76	0	5608	16.1	156.9	GGGG	90	15
16941N	6646N	2620-22067	00000/0000	2-10023/0514	10/03/76	100	8648	18.1	164.0	GGGG	92	13
16941N	6529N	2565-22022	00000/0000	2-10021/0905	08/09/76	80	7881	38.3	154.9	FFFG	91	14
16941N	6222N	2383-21565	00000/0000	2-10015/0784	02/09/76	10	5343	10.6	156.5	GGGG	89	16
16942N	6524N	2421-22062	00000/0000	2-10017/0138	03/18/76	30	5873	22.4	158.4	GGGG	91	14
16942N	6400N	2636-21545	00000/0000	2-10023/1140	10/19/76	80	8871	14.6	162.6	FFGG	90	15
16942N	5832N	2525-21424	00000/0000	2-10020/0326	06/30/76	90	7323	50.4	142.7	GGGG	87	19
16942N	5831N	2399-21461	00000/0000	2-10016/0411	02/25/76	10	5566	19.0	152.4	GGGG	87	19
16943N	5831N	2543-21421	00000/0000	2-10020/1141	07/18/76	100	7574	48.1	142.9	FFGG	87	19
16943N	6524N	2493-22042	00000/0000	2-10019/0062	05/29/76	40	6877	44.8	156.4	GGGG	91	14
16943N	6524N	2547-22025	00000/0000	2-10021/0085	07/22/76	70	7630	42.8	153.5	GGGG	91	14
16943N	6356N	2510-21584	00000/0000	2-10023/0427	10/02/76	40	8634	19.6	162.2	GGGG	91	14
16944N	6640N	2530-22084	00000/0000	2-10020/0520	07/05/76	70	7393	44.5	155.6	GGGG	92	13
16944N	5831N	2633-21393	00000/0000	2-10023/0951	10/16/76	90	8829	20.2	157.7	GGGG	87	19
16944N	6640N	2638-22053	00000/0000	2-10023/1240	10/21/76	90	8899	11.6	165.5	GGGG	92	13
16945N	5829N	2651-21385	00000/0000	2-10024/0337	11/03/76	90	9080	14.2	159.2	GGG	87	19
16945N	5828N	2507-21431	00000/0000	2-10019/1027	06/12/76	0	7072	50.9	144.0	GGGG	87	19
16946N	6642N	2548-22081	00000/0000	2-10021/0053	07/23/76	50	7644	41.6	155.7	GGGG	92	13
16947N	6522N	2529-22032	00000/0000	2-10020/0258	07/04/76	60	7379	45.6	153.4	GGGG	91	14
16948N	6520N	2637-22001	00000/0000	2-10023/0856	10/20/76	80	8885	13.1	164.0	GGGG	91	14
16949N	6638N	2404-22121	00000/0000	2-10016/0633	03/01/76	10	5636	14.7	159.8	GGGG	92	13
16949N	6634N	2386-22124	00000/0000	2-10015/0856	02/12/76	40	5385	8.3	160.3	FFFG	92	13
16949N	5600N	2452-21394	00000/0000	2-10017/1513	04/18/76	20	6305	41.2	147.1	GGGG	86	21
16950N	6518N	2511-22035	00000/0000	2-10019/1154	06/16/76	30	7128	46.3	154.5	FFGG	91	14
16950N	6517N	2403-22065	00000/0000	2-10014/0607	02/29/76	60	5622	15.4	152.3	G	91	14
16950N	6515N	2385-22072	00000/0000	2-10015/0820	02/11/76	10	5371	9.0	158.9	GGGG	91	14
16951N	5600N	2578-21361	00000/0000	2-10021/1240	08/22/76	90	8062	41.0	144.8	GGGG	86	21
16951N	5555N	2434-21401	00000/0000	2-10017/0767	03/31/76	80	6054	34.6	148.3	GGGG	86	21
16953N	5816N	2381-21464	00000/0000	2-10015/0600	02/07/76	10	5315	13.2	153.6	FFGG	87	19
16953N	5556N	2470-21391	00000/0000	2-10018/0693	05/06/76	90	6556	46.7	145.2	GGGG	86	21
16954N	6342N	2384-22021	00000/0000	2-10015/0730	02/10/76	30	5357	9.9	157.6	FFFF	90	15
16954N	6013N	2454-21494	00000/0000	2-10018/0034	04/20/76	10	6333	38.9	151.9	GGGG	88	18
16954N	5312N	2469-21341	00000/0000	2-10018/0645	05/05/76	90	6542	48.2	141.8	GGGG	85	23
16955N	5314N	2451-21344	00000/0000	2-10017/1494	04/17/76	70	6291	42.7	144.1	FFGG	85	23

KEYS: CLOUD COVER 4 ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0840

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSR	DATE ACQUIRED	CLSD COVER %	BRIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MBDF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
16956N	5555N	2596-21354	00000/0000	2-10022/0748	09/09/76	90	8313	35.3	148.7	GGGG	86	21
16957N	5551N	2560-21364	00000/0000	2-10021/0569	08/04/76	80	7811	46.0	141.1	GGGG	86	21
16958N	5550N	2614-21351	00000/0000	2-10023/0151	09/27/76	40	8564	29.0	152.5	GGGG	86	21
16958N	5546N	2416-21404	00000/0000	2-10016/1163	03/13/76	70	5803	27.6	149.2	FFGG	86	21
16959N	5310N	2577-21312	00000/0000	2-10021/1261	08/21/76	90	8048	43.1	141.3	GGGG	85	23
17000N	5545N	2632-21343	00000/0000	2-10023/0788	10/15/76	80	8815	22.7	155.5	GGGG	86	21
17000N	5542N	2506-21351	00000/0000	2-10019/0829	06/11/76	80	7058	52.5	139.9	GGGG	86	21
17000N	5308N	2433-21352	00000/0000	2-10017/0680	03/30/76	70	6040	36.1	145.7	GGGG	85	23
17001N	6011N	2580-21462	00000/0000	2-10021/1385	08/24/76	100	8090	37.6	150.0	GGGG	88	18
17001N	6007N	2436-21502	00000/0000	2-10017/0894	04/02/76	80	6082	32.4	152.4	FGGG	88	18
17001N	6006N	2472-21492	00000/0000	2-10018/0821	05/08/76	60	6584	44.4	150.5	GGGF	88	18
17001N	5541N	2524-21375	00000/0000	2-10020/0216	06/29/76	100	7309	52.2	138.3	FFGG	86	21
17001N	5305N	2559-21315	00000/0000	2-10021/0551	08/03/76	70	7797	47.9	137.2	GGGG	85	23
17002N	5303N	2685-21273	00000/0000	2-10025/0770	12/07/76	100	9554	10.9	155.6	FGFG	85	23
17003N	5543N	2398-21412	00000/0000	2-10016/0380	12/24/76	90	5552	20.7	150.4	GGGG	86	21
17003N	5308N	2721-21261	00000/0000	2-10026/0516	01/12/77	70	56	10.7	151.2	GGGG	85	23
17003N	5301N	2415-21355	00000/0000	2-10017/0043	03/12/76	20	5789	29.1	147.0	GGGG	85	23
17004N	5530N	2488-21385	00000/0000	2-10019/0076	05/24/76	90	6807	50.8	142.1	GGGG	86	21
17004N	5308N	2595-21305	00000/0000	2-10022/0713	09/05/76	90	8299	37.5	145.8	GGGG	85	23
17004N	5259N	2487-21335	00000/0000	2-10019/0044	05/23/76	90	6793	52.2	138.6	GGGG	85	23
17005N	6005N	2598-21455	00000/0000	2-10022/0882	09/11/76	100	8341	31.6	153.3	GGGG	88	18
17005N	5257N	2541-21322	00000/0000	2-10020/1010	07/16/76	90	7546	51.5	134.5	GGGG	85	23
17006N	5543N	2650-21335	00000/0000	2-10024/0329	11/02/76	100	9066	16.8	157.4	GGGG	86	21
17006N	5302N	2613-21332	00000/0000	2-10023/0069	09/26/76	40	8550	31.5	150.0	GGGG	85	23
17006N	5254N	2523-21325	00000/0000	2-10020/0160	06/28/76	90	7295	53.7	134.0	GGGG	85	23
17007N	6001N	2562-21465	00000/0000	2-10021/0699	08/06/76	80	7839	42.9	146.8	GGFG	88	18
17008N	5958N	2415-21505	00000/0000	2-10017/0054	03/15/76	10	5831	25.3	152.7	FGGG	88	18
17008N	5957N	2490-21485	00000/0000	2-10019/0204	05/26/76	70	6835	48.3	148.3	GGGG	88	18
17008N	5255N	2505-21332	00000/0000	2-10019/0794	06/10/76	70	7044	54.0	135.6	GGGG	85	23
17009N	5956N	2544-21472	00000/0000	2-10020/1237	07/19/76	90	7588	47.0	145.0	GGGG	88	18
17009N	5257N	2631-21294	00000/0000	2-10023/0775	10/14/76	30	8801	25.3	153.5	GGGG	85	23
17010N	6000N	2616-21452	00000/0000	2-10023/0305	09/29/76	80	8592	25.1	156.4	GGGG	88	18
17010N	5953N	2508-21482	00000/0000	2-10010/1051	06/13/76	10	7086	50.0	146.1	GGGG	88	18
17010N	5953N	2526-21480	00000/0000	2-10020/0362	07/01/76	10	7337	49.5	144.7	GGGG	88	18
17010N	5256N	2649-21290	00000/0000	2-10024/0321	11/01/76	90	9052	19.4	155.6	GGGG	85	23

KEYS: CLSD COVER % ..... 0 TO 100 = % CLSD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MBDF ..... (BLANK)=COMPRESSED. L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN. H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING  
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PAGE 0841

FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBW NUM.
17012W	5952N	2400-21513	00000/0000	2-10016/0459	02/26/76	0	5580	18.4	153.4	GGGG		88	18
17014W	5247N	2379-21365	00000/0000	2-10015/0541	02/05/76	100	5287	16.7	150.5	GFGG		88	23
17016W	5952N	2634-21444	00000/0000	2-10023/1088	10/17/76	80	8843	18.7	158.8	GGGF		88	18
17020W	6131N	2455-21550	00000/0000	2-10018/0225	04/21/76	0	6347	38.3	153.4	GGGF		89	17
17020W	6128N	2473-21543	00000/0000	2-10018/0884	05/09/76	80	6598	43.7	152.2	GGGG		89	17
17022W	5938N	2382-21520	00000/0000	2-10015/0718	02/08/76	0	5329	12.4	154.5	FFGF		88	18
17023W	6130N	2437-21554	00000/0000	2-10017/0908	04/03/76	80	6096	31.7	153.9	GGGG		89	17
17024W	6131N	2581-21514	00000/0000	2-10022/0151	08/25/76	90	8104	36.3	151.8	FGGG		89	17
17024W	5725N	2453-21445	00000/0000	2-10017/1613	04/19/76	10	6319	40.5	148.7	GGGG		87	20
17028W	5720N	2435-21453	00000/0000	2-10017/0781	04/01/76	90	6068	34.0	149.6	GGGG		87	20
17028W	5719N	2471-21442	00000/0000	2-10018/0707	05/07/76	90	6570	46.1	146.9	GGGG		89	17
17029W	6125N	2563-21521	00000/0000	2-10021/0723	08/07/76	90	7853	41.7	148.9	GGGG		89	17
17030W	6125N	2599-21511	00000/0000	2-10022/0909	09/12/76	80	8355	30.2	154.8	GGGG		89	17
17030W	6121N	2419-21561	00000/0000	2-10017/0090	03/16/76	30	5845	24.7	154.0	GGGG		89	17
17030W	6118N	2491-21541	00000/0000	2-10019/0597	05/27/76	80	6849	47.5	150.2	GGGG		89	17
17031W	6121N	2617-21504	00000/0000	2-10023/0254	09/30/76	90	8606	23.7	157.8	GGGG		87	20
17031W	5717N	2561-21420	00000/0000	2-10021/0615	08/05/76	100	7825	44.9	143.1	GFGG		87	20
17033W	5712N	2489-21440	00000/0000	2-10019/0124	05/25/76	90	6821	49.9	144.5	GGGG		87	20
17033W	5712N	2615-21433	00000/0000	2-10023/0291	09/28/76	90	8578	27.6	153.8	GGGG		87	20
17033W	5711N	2417-21460	00000/0000	2-10015/1101	03/14/76	50	5817	27.0	150.3	GGGG		87	20
17035W	6113N	2509-21534	00000/0000	2-10019/0992	06/14/76	70	7100	49.1	148.1	GGGG		89	17
17036W	6114N	2653-21492	00000/0000	2-10025/0032	11/05/76	90	9108	11.3	161.3	GGGG		89	17
17036W	5709N	2543-21423	00000/0000	2-10020/1142	07/18/76	100	7574	48.9	140.8	FGGG		87	20
17036W	5708N	2399-21463	00000/0000	2-10016/0412	02/25/76	20	5566	20.1	151.3	GGGG		87	20
17036W	5708N	2525-21430	00000/0000	2-10020/0327	06/30/76	100	7323	51.2	140.5	GGGG		87	20
17037W	6254N	2456-22002	00000/0000	2-10018/0113	04/22/76	10	6361	37.6	155.1	GGGG		90	16
17037W	6116N	2545-21524	00000/0000	2-10020/1261	07/20/76	90	7602	46.0	147.0	GGGG		89	17
17037W	6112N	2401-21564	00000/0000	2-10016/0519	02/27/76	0	5594	17.8	154.4	GGGF		89	17
17037W	5708N	2633-21395	00000/0000	2-10023/0952	10/16/76	70	8829	21.3	156.7	GGGG		87	20
17037W	5436N	2452-21400	00000/0000	2-10017/1514	04/18/76	50	6305	42.1	145.6	GGGF		86	22
17038W	5705N	2507-21433	00000/0000	2-10019/1028	06/12/76	10	7072	51.7	141.9	GGGG		87	20
17038W	5150N	2451-21351	00000/0000	2-10017/1495	04/17/76	50	6291	43.6	142.6	GGGG		85	24
17038W	5148N	2469-21344	00000/0000	2-10018/0646	05/05/76	90	6542	49.1	140.0	GGGG		85	24
17039W	5706N	2651-21391	00000/0000	2-10024/0338	11/03/76	90	9080	15.4	158.3	GGG		87	20
17039W	5430N	2434-21403	00000/0000	2-10017/0768	03/31/76	80	6054	35.6	146.9	GGGG		86	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... (BLANKS)=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0842

PRINCIPAL POINT OF IMAGE	LONG	LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17040W	6253N	2438-22005	00000/0000	2-10017/0923	04/04/76	30	6110	31.1	155.4	GGGG			90	16
17040W	6113N	2635-21500	00000/0000	2-10023/1103	10/18/76	90	8857	17.3	160.0	GGGG			89	17
17040W	5437N	2578-21363	00000/0000	2-10021/1281	08/22/76	90	8062	41.9	143.2	GGGG			86	22
17042W	6251N	2474-21595	00000/0000	2-10018/0938	05/10/76	40	6612	43.0	154.1	GGGG			90	16
17042W	5146N	2577-21314	00000/0000	2-10021/1262	08/21/76	90	8048	43.9	139.7	GGGG			88	24
17043W	6418N	2457-22054	00000/0000	2-10018/0134	04/23/76	40	6375	36.9	156.9	GGGG			91	15
17043W	5433N	2722-21312	00000/0000	2-10026/0580	01/13/77	60	70	9.8	151.8	GGGG			86	22
17043W	5144N	2433-21354	00000/0000	2-10017/0681	03/30/76	80	6040	37.0	144.4	GGGG			85	24
17043W	5141N	2559-21321	00000/0000	2-10021/0552	08/03/76	90	7797	48.6	135.4	GGGG			85	24
17044W	6252N	2582-21570	00000/0000	2-10022/0108	08/26/76	80	8118	35.0	153.6	GGGG			90	16
17044W	5431N	2596-21361	00000/0000	2-10022/0749	09/09/76	90	8313	36.3	147.4	GGGG			86	22
17044W	5428N	2560-21371	00000/0000	2-10021/0570	08/04/76	70	7811	46.8	139.2	GGGG			86	22
17044W	5138N	2685-21280	00000/0000	2-10025/0771	12/07/76	100	9554	12.0	155.0	GGGG			85	24
17046W	5653N	2381-21470	00000/0000	2-10015/0601	02/07/76	50	5315	14.2	152.7	GGGG			87	20
17046W	5427N	2614-21353	00000/0000	2-10023/0152	09/27/76	50	8564	30.1	151.4	GGGG			86	22
17046W	5426N	2686-21325	00000/0000	2-10025/0733	12/08/76	90	9568	9.7	156.2	GGGG			86	22
17046W	5423N	2416-21411	00000/0000	2-10016/1164	03/13/76	70	5803	28.5	148.1	GGGG			86	22
17046W	5144N	2721-21263	00000/0000	2-10026/0647	01/12/77	90	56	11.8	150.5	GGGG			85	24
17046W	5137N	2415-21362	00000/0000	2-10017/0044	03/12/76	70	5789	30.1	145.9	GGGG			85	24
17046W	5135N	2487-21341	00000/0000	2-10019/0045	05/23/76	90	6793	53.0	136.6	GGGG			85	24
17047W	6248N	2564-21573	00000/0000	2-10021/0764	08/08/76	90	7867	40.5	150.9	GGGG			90	16
17047W	6100N	2383-21572	00000/0000	2-10015/0785	02/09/76	10	5343	11.7	155.4	GGGG			89	17
17047W	5418N	2506-21384	00000/0000	2-10019/0830	06/11/76	10	7058	53.3	137.7	GGGG			86	22
17047W	5143N	2595-21311	00000/0000	2-10022/0714	09/08/76	40	8299	38.5	144.4	GGGG			85	24
17048W	6658N	2459-22161	00000/0000	2-10018/0286	04/25/76	30	6403	35.4	160.8	GGGG			93	13
17048W	6248N	2600-21563	00000/0000	2-10023/0018	09/13/76	80	8369	28.8	156.5	GGGG			90	16
17048W	5421N	2632-21350	00000/0000	2-10023/0789	10/15/76	70	8815	23.8	154.6	GGGG			86	22
17048W	5417N	2524-21381	00000/0000	2-10020/0217	06/29/76	90	7309	52.9	136.1	GGGG			86	22
17048W	5132N	2541-21325	00000/0000	2-10020/1011	07/16/76	90	7546	52.2	132.4	GGGG			83	24
17049W	6245N	2618-21555	00000/0000	2-10023/0387	10/01/76	60	8620	22.2	159.3	GGGG			90	16
17049W	6244N	2492-21593	00000/0000	2-10019/0307	05/28/76	100	6863	46.7	152.2	GGGG			90	16
17049W	5137N	2613-21304	00000/0000	2-10023/0070	09/26/76	40	8550	32.5	148.9	GGGG			85	24
17049W	5130N	2523-21332	00000/0000	2-10020/0161	06/28/76	90	7295	54.4	131.7	GGGG			85	24
17050W	6537N	2458-22110	00000/0000	2-10018/0172	04/24/76	0	6389	36.2	158.7	GGGG			92	14
17051W	6241N	2420-22013	00000/0000	2-10017/0124	03/17/76	10	5859	24.1	155.4	GGGG			90	16

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0843

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17051W 5419N	2398-21414	00000/0000	2-10016/0381	02/24/76	90	5552	21.7	149.4	GGGG			86	22
17051W 5419N	2668-21334	00000/0000	2-10025/0439	11/20/76	80	9317	13.0	157.1	GGGG			86	22
17051W 5406N	2488-21391	00000/0000	2-10019/0077	05/24/76	80	6807	51.7	140.1	GGGG			86	22
17051W 5132N	2397-21365	00000/0000	2-10016/0258	02/23/76	20	5538	23.4	147.6	GGGG			85	24
17051W 5131N	2505-21335	00000/0000	2-10019/0795	06/10/76	100	7044	54.7	133.4	GGGG			85	24
17052W 6240N	2546-21580	00000/0000	2-10021/0018	07/21/76	90	7616	44.8	149.1	FGGG			90	16
17052W 6236N	2402-22020	00000/0000	2-10016/0094	02/28/76	20	5608	17.1	155.6	GGGG			90	16
17052W 5132N	2631-21301	00000/0000	2-10023/0776	10/14/76	40	8801	26.4	152.5	GGGG			85	24
17053W 6655N	2441-22164	00000/0000	2-10017/1087	04/07/76	10	6152	29.1	160.6	GGGG			93	13
17053W 5850N	2454-21501	00000/0000	2-10018/0035	04/20/76	0	6333	39.9	150.2	GGGG			88	19
17053W 5132N	2649-21293	00000/0000	2-10024/0322	11/01/76	90	9052	20.5	154.8	GGGG			85	24
17054W 6238N	2528-21583	00000/0000	2-10020/0461	07/03/76	20	7365	47.5	148.9	GGGG			90	16
17054W 5419N	2650-21342	00000/0000	2-10024/0330	11/02/76	100	9066	17.9	156.5	GGGG			86	22
17054W 5410N	2380-21421	00000/0000	2-10015/0552	02/06/76	100	5301	16.0	151.1	GGGG			86	22
17055W 6657N	2585-22125	00000/0000	2-10022/0308	08/29/76	40	8160	30.9	159.5	GGGG			93	13
17055W 6412N	2439-22061	00000/0000	2-10017/1015	04/05/76	10	6124	30.5	157.0	GGGG			91	15
17055W 6238N	2636-21552	00000/0000	2-10023/1141	10/19/76	80	8871	15.7	161.4	FFFG			90	16
17056W 6650N	2477-22155	00000/0000	2-10018/0995	05/13/76	90	6654	40.7	159.9	GGGG			93	13
17056W 6415N	2583-22021	00000/0000	2-10022/0217	08/27/76	60	8132	33.6	155.5	GGGG			91	15
17056W 6234N	2510-21590	00000/0000	2-10019/1087	06/15/76	70	7114	48.3	150.1	GGGG			90	16
17056W 5122N	2379-21372	00000/0000	2-10015/0542	02/05/76	90	5287	17.7	149.7	GGGG			85	24
17057W 6535N	2584-22073	00000/0000	2-10022/0249	08/28/76	10	8146	32.3	157.4	GGGG			92	14
17057W 6534N	2440-22113	00000/0000	2-10017/1074	04/06/76	20	6138	29.8	158.7	GGGG			92	14
17059W 6651N	2603-22122	00000/0000	2-10022/1083	09/16/76	90	8411	24.5	161.9	FFGG			93	13
17059W 5843N	2436-21504	00000/0000	2-10017/0895	04/02/76	30	6082	33.4	151.0	GGGG			88	19
17059W 5843N	2472-21494	00000/0000	2-10018/0822	05/08/76	70	6584	45.4	148.6	GGGG			88	19
17100W 6653N	2567-22132	00000/0000	2-10021/0921	08/11/76	100	7909	36.7	157.2	GGGG			93	13
17100W 6531N	2476-22103	00000/0000	2-10018/0913	05/12/76	40	6640	41.4	157.9	GGGG			92	14
17100W 6408N	2601-22014	00000/0000	2-10022/1007	09/14/76	90	8383	27.4	158.2	GGGG			91	15
17100W 5848N	2580-21464	00000/0000	2-10021/1386	08/24/76	100	8090	38.5	148.4	GGGG			88	19
17102W 6758N	2514-22201	00000/0000	2-10019/1269	06/19/76	70	7170	44.4	159.0	GGGG			94	12
17102W 6757N	2406-22231	00000/0000	2-10016/0733	03/03/76	100	5664	14.5	161.5	GGGG			94	12
17102W 6533N	2602-22070	00000/0000	2-10022/1024	09/15/76	100	8397	25.9	160.1	GGGG			92	14
17102W 6530N	2566-22080	00000/0000	2-10021/0861	08/10/76	100	7895	38.0	155.0	GGGG			92	14
17102W 6408N	2565-22024	00000/0000	2-10021/0906	08/09/76	90	7881	39.3	152.9	GGGG			91	15

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0844

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN RBL		DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL		MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
LONG	LAT		RBV	MSS						RBV	MSS				
17102W	6403N	2421-22065	00000/0000	2-10017/0139	03/18/76	30	5873	23.4	156.8	GGGG					
17103W	6647N	2423-22172	00000/0000	2-10017/0264	03/20/76	30	5901	22.1	160.1	GGGG				91	15
17103W	6643N	2495-22152	00000/0000	2-10019/0436	05/31/76	100	6905	44.1	158.4	GGGG				93	13
17103W	6643N	2549-22135	00000/0000	2-10021/0245	07/24/76	80	7658	41.4	155.8	GGGG				93	13
17103W	6403N	2493-22044	00000/0000	2-10019/0063	05/29/76	70	6877	45.8	154.2	GGGG				91	15
17103W	6403N	2547-22032	00000/0000	2-10021/0086	07/22/76	80	7630	43.7	151.3	GGGG				91	15
17104W	6646N	2621-22115	00000/0000	2-10023/0459	10/04/76	90	8662	17.7	164.1	GGGG				93	13
17104W	6403N	2619-22011	00000/0000	2-10023/0428	10/02/76	70	8634	20.7	160.8	GGG				91	15
17104W	5842N	2598-21462	00000/0000	2-10022/0883	09/11/76	90	8341	32.6	151.9	GGGG				88	19
17104W	5838N	2562-21472	00000/0000	2-10021/0700	08/06/76	90	7839	43.8	145.0	GGGG				88	19
17105W	6526N	2422-22120	00000/0000	2-10017/0282	03/19/76	50	5887	22.8	158.4	FFFG				92	14
17106W	5835N	2418-21512	00000/0000	2-10017/0055	03/15/76	30	5831	26.3	151.5	FFGG				88	19
17106W	5834N	2544-21475	00000/0000	2-10020/1238	07/19/76	90	7588	47.9	143.0	GGGG				88	19
17106W	5833N	2490-21492	00000/0000	2-10019/0205	05/26/76	90	6835	49.2	146.3	FFGG				88	19
17107W	6400N	2637-22003	00000/0000	2-10023/0857	10/20/76	90	8885	14.3	162.7	FFGG				91	15
17107W	6220N	2384-22023	00000/0000	2-10015/0731	02/10/76	30	5387	11.0	156.4	GGGG				90	16
17108W	6400N	2529-22035	00000/0000	2-10020/0259	07/04/76	80	7379	46.5	151.1	GGGG				91	15
17108W	5837N	2616-21454	00000/0000	2-10023/0306	09/29/76	90	8592	26.2	155.2	GGGG				88	19
17108W	5830N	2508-21485	00000/0000	2-10019/1052	06/13/76	30	7086	50.9	143.9	GGGG				88	19
17108W	5830N	2526-21482	00000/0000	2-10020/0363	07/01/76	20	7337	50.4	142.6	GGGG				88	19
17110W	6642N	2531-22142	00000/0000	2-10020/0536	07/06/76	60	7407	44.4	155.6	GGGG				93	13
17110W	6525N	2620-22063	00000/0000	2-10023/0515	10/03/76	90	8648	19.2	162.4	GGGG				92	14
17110W	6524N	2494-22100	00000/0000	2-10019/0406	05/30/76	80	6891	45.0	156.3	GGGG				92	14
17110W	6357N	2511-22042	00000/0000	2-10019/1155	06/16/76	70	7128	47.3	152.3	GGGG				91	15
17110W	5829N	2403-21515	00000/0000	2-10016/0460	02/26/76	0	5580	19.4	152.3	GGGG				88	19
17111W	6519N	2530-22091	00000/0000	2-10020/0521	07/05/76	70	7393	45.5	153.3	GGGG				92	14
17111W	6354N	2385-22075	00000/0000	2-10015/0891	02/11/76	10	5371	10.1	157.7	GGGG				91	15
17113W	6636N	2405-22175	00000/0000	2-10016/0739	03/02/76	70	5650	15.1	159.8	FFGG				93	13
17114W	6640N	2639-22111	00000/0000	2-10023/1293	10/22/76	90	8913	11.3	163.6	FFGG				93	13
17114W	6522N	2548-22083	00000/0000	2-10021/0054	07/23/76	80	7644	42.6	153.5	GGGG				92	14
17114W	6520N	2638-22055	00000/0000	2-10023/1241	10/21/76	80	8899	12.8	164.1	GGGG				92	14
17115W	6640N	2513-22145	00000/0000	2-10019/1214	06/18/76	50	7156	45.4	153.7	GGGG				93	13
17115W	5828N	2634-21451	00000/0000	2-10023/1089	10/17/76	90	8843	19.9	157.8	GGGG				88	19
17115W	5601N	2453-21452	00000/0000	2-10017/1614	04/19/76	50	6319	41.5	147.1	GGGG				87	21
17116W	6518N	2404-22124	00000/0000	2-10016/0620	03/01/76	40	5636	15.8	158.3	G GG				92	14

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0845

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17116W	6514N	2386-22131	00000/0000	2-10015/0857	02/12/76	10	5385	9.4	158.9	GFFG		92	14
17119W	5556N	2435-21455	00000/0000	2-10017/0782	04/01/76	30	6068	35.0	148.2	GGGG		87	21
17119W	5555N	2471-21445	00000/0000	2-10018/0708	05/07/76	90	6570	47.0	145.0	GGGG		87	21
17120W	5815N	2382-21522	00000/0000	2-10015/0719	02/08/76	10	5329	13.5	153.5	FGGG		88	19
17120W	5554N	2561-21422	00000/0000	2-10021/0616	08/05/76	90	7825	45.8	141.3	GGGG		87	21
17121W	5312N	2452-21403	00000/0000	2-10017/1515	04/18/76	90	6305	43.0	144.0	GGGG		86	23
17123W	6008N	2455-21553	00000/0000	2-10018/0226	04/21/76	40	6347	39.3	151.7	GGGG		89	18
17124W	6004N	2473-21550	00000/0000	2-10018/0885	05/09/76	80	6598	44.7	150.3	GGGG		89	18
17124W	5549N	2615-21405	00000/0000	2-10023/0292	09/28/76	80	8578	28.7	152.7	FGGG		87	21
17124W	5548N	2489-21442	00000/0000	2-10019/0125	05/25/76	90	6821	50.8	142.4	GGGG		87	21
17124W	5547N	2417-21463	00000/0000	2-10016/1102	03/14/76	80	5817	27.9	149.2	GGGG		87	21
17124W	5306N	2434-21410	00000/0000	2-10017/0769	03/31/76	100	6054	36.5	145.6	GGGG		86	23
17125W	5313N	2578-21370	00000/0000	2-10021/1282	08/22/76	90	8062	42.8	141.6	GFGG		86	23
17126W	6007N	2437-21560	00000/0000	2-10017/0909	04/03/76	90	6096	32.7	152.4	GGGG		89	18
17126W	5546N	2543-21430	00000/0000	2-10020/1143	07/18/76	100	7574	49.7	138.8	GGGG		87	21
17126W	5307N	2470-21400	00000/0000	2-10018/0694	05/06/76	100	6556	48.5	141.6	GGGG		86	23
17127W	6009N	2581-21520	00000/0000	2-10022/0152	08/25/76	90	8104	37.3	150.1	GGGG		89	18
17127W	5545N	2633-21402	00000/0000	2-10023/0953	10/16/76	80	8829	22.4	155.7	GGGG		87	21
17127W	5544N	2399-21470	00000/0000	2-10016/0413	02/25/76	80	5566	21.1	150.3	GGGG		87	21
17127W	5544N	2525-21433	00000/0000	2-10020/0328	06/30/76	100	7323	52.0	138.4	GGGG		87	21
17128W	5308N	2722-21315	00000/0000	2-10026/0581	01/13/77	60	70	10.9	151.1	GGGG		86	23
17129W	5542N	2507-21440	00000/0000	2-10019/1029	06/12/76	80	7072	52.5	139.7	GGGG		87	21
17129W	5304N	2560-21373	00000/0000	2-10021/0571	08/04/76	70	7811	47.6	137.4	GFGG		86	23
17130W	5543N	2651-21394	00000/0000	2-10024/0339	11/03/76	90	9080	16.5	157.5	GGGG		87	21
17130W	5307N	2596-21363	00000/0000	2-10022/0750	09/09/76	90	8313	37.2	146.0	GGGG		86	23
17131W	5303N	2614-21360	00000/0000	2-10023/0153	09/27/76	90	8564	31.1	150.3	GGGG		86	23
17131W	5303N	2686-21332	00000/0000	2-10025/0734	12/08/76	90	9568	10.8	155.6	GFGG		86	23
17131W	5259N	2416-21413	00000/0000	2-10016/1165	03/13/76	80	5803	29.5	146.9	FGGG		86	23
17132W	6002N	2563-21523	00000/0000	2-10021/0724	08/07/76	90	7853	42.6	147.0	GGGG		89	18
17132W	5254N	2506-21390	00000/0000	2-10019/0831	06/11/76	90	7058	54.0	135.5	GGGG		86	23
17133W	6002N	2599-21513	00000/0000	2-10022/0910	09/12/76	80	8355	31.2	153.4	GGGG		89	18
17133W	5959N	2419-21564	00000/0000	2-10017/0091	03/16/76	30	5845	25.7	152.7	GGGG		89	18
17133W	5956N	2491-21543	00000/0000	2-10019/0598	05/27/76	80	6849	48.4	148.2	GGGG		89	18
17133W	5955N	2527-21534	00000/0000	2-10020/0424	07/02/76	30	7351	49.4	144.7	GGGG		89	18
17133W	5253N	2524-21384	00000/0000	2-10020/0218	06/29/76	90	7309	53.6	133.9	GFGG		86	23

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS AND NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING

PAGE 0846

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17134W	5257N	2632-21352	00000/0000	2-10023/0790	10/15/76	80	8815	24.9	153.6	GGGG		86	23
17135W	5959N	2617-21510	00000/0000	2-10023/0255	09/30/76	70	8606	24.7	156.6	GGGG		89	18
17135W	5255N	2398-21421	00000/0000	2-10016/0382	02/24/76	80	5552	22.7	148.5	GGGG		86	23
17135W	5255N	2668-21340	00000/0000	2-10025/0440	11/20/76	60	9317	14.2	156.3	GGGG		86	23
17136W	5951N	2509-21541	00000/0000	2-10019/0993	06/14/76	90	7100	50.1	145.9	GGGG		89	18
17136W	5530N	2381-21473	00000/0000	2-10015/0602	02/07/76	90	5315	15.3	151.8	GGGG		87	21
17136W	5242N	2488-21394	00000/0000	2-10019/0078	05/24/76	70	6807	52.5	138.0	GGGG		86	23
17138W	5951N	2653-21495	00000/0000	2-10025/0033	11/05/76	90	9108	12.5	160.3	GGGG		89	18
17138W	5255N	2650-21344	00000/0000	2-10024/0331	11/02/76	100	9066	19.0	155.7	GGGG		86	23
17139W	5953N	2545-21531	00000/0000	2-10020/1262	07/20/76	100	7602	46.8	145.0	GGGG		89	18
17139W	5950N	2401-21571	00000/0000	2-10016/0520	02/27/76	0	5594	18.8	153.3	GGGG		89	18
17139W	5246N	2380-21424	00000/0000	2-10015/0553	02/06/76	100	5301	17.0	150.3	GGGG		86	23
17142W	5950N	2635-21503	00000/0000	2-10023/1104	10/18/76	90	8857	18.4	158.9	GGGG		89	18
17146W	6131N	2456-22005	00000/0000	2-10018/0114	04/22/76	0	6361	38.6	153.4	GGGG		90	17
17148W	6131N	2438-22012	00000/0000	2-10017/0924	04/04/76	10	6110	32.1	153.9	GGGG		90	17
17148W	5727N	2454-21503	00000/0000	2-10018/0036	04/20/76	40	6333	40.9	148.6	GGGG		88	20
17149W	5937N	2383-21574	00000/0000	2-10015/0786	02/09/76	10	5343	12.8	154.4	GGGG		89	18
17151W	6128N	2474-22002	00000/0000	2-10018/0939	05/10/76	70	6612	44.0	152.2	GGGG		90	17
17152W	6130N	2582-21572	00000/0000	2-10022/0109	08/26/76	90	8118	36.0	151.9	GGGG		90	17
17153W	5720N	2436-21511	00000/0000	2-10017/0896	04/02/76	50	6082	34.4	149.6	GGGG		88	20
17154W	6126N	2564-21575	00000/0000	2-10021/0765	08/08/76	100	7867	41.4	149.0	GGGG		90	17
17154W	5724N	2580-21471	00000/0000	2-10021/1387	08/24/76	100	8090	39.5	146.8	GGGG		88	20
17154W	5719N	2472-21501	00000/0000	2-10018/0823	05/08/76	90	6584	46.3	146.8	GGGG		88	20
17156W	6123N	2618-21562	00000/0000	2-10023/0388	10/01/76	80	8620	23.3	158.0	GGGG		90	17
17157W	6126N	2600-21565	00000/0000	2-10023/0019	09/13/76	70	8369	29.8	155.0	GGGG		90	17
17157W	6122N	2492-21595	00000/0000	2-10019/0308	05/28/76	90	6863	47.6	150.2	GGGG		90	17
17158W	6256N	2457-22060	00000/0000	2-10018/0135	04/23/76	50	6375	37.9	155.1	GGGG		91	16
17158W	5715N	2562-21474	00000/0000	2-10021/0701	08/06/76	90	7839	44.7	143.2	GGGG		88	20
17159W	6119N	2420-22015	00000/0000	2-10017/0125	03/17/76	10	5859	25.1	154.0	GGGG		90	17
17159W	6118N	2546-21582	00000/0000	2-10021/0019	07/21/76	90	7616	45.8	147.1	GGGG		90	17
17159W	6114N	2402-22023	00000/0000	2-10016/0095	02/28/76	30	5608	18.1	154.4	GGGG		90	17
17159W	5718N	2598-21464	00000/0000	2-10022/0884	09/11/76	90	8341	33.6	150.5	GGGG		88	20
17159W	5711N	2544-21481	00000/0000	2-10020/1239	07/19/76	90	7588	48.7	140.9	GGGG		88	20
17200W	5712N	2418-21514	00000/0000	2-10017/0056	03/15/76	70	5831	27.3	150.3	GGGG		88	20
17200W	5710N	2490-21494	00000/0000	2-10019/0206	05/26/76	90	6835	50.1	144.3	GGGG		88	20

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0847

PRINCIPAL POINT OF IMAGE LONG	LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17202W	6116N	2528-21590	00000/0000	2-10020/0462	07/03/76	10	7365	48.4	146.8	GGGG			90	17
17202W	6116N	2636-21554	00000/0000	2-10023/1142	10/19/76	90	8871	16.9	160.2	PPFF			90	17
17202W	6113N	2510-21593	00000/0000	2-10019/1088	06/15/76	70	7114	49.2	147.9	GGGG			90	17
17202W	5714N	2616-21461	00000/0000	2-10023/0307	09/29/76	90	8592	27.3	154.0	GGGG			88	20
17202W	5707N	2508-21491	00000/0000	2-10019/1053	06/13/76	70	7086	51.7	141.8	GGGG			88	20
17202W	5707N	2526-21485	00000/0000	2-10020/0364	07/01/76	30	7337	51.2	140.4	GGGG			88	20
17203W	5706N	2400-21522	00000/0000	2-10016/0461	02/26/76	30	5580	20.5	151.2	GGGG			88	20
17203W	5437N	2453-21454	00000/0000	2-10017/1615	04/19/76	80	6319	42.4	145.5	GGGG			87	22
17203W	5148N	2452-21405	00000/0000	2-10017/1516	04/18/76	60	6305	43.9	142.4	GGGG			86	24
17206W	5706N	2652-21445	00000/0000	2-10024/0381	11/04/76	90	9094	15.1	158.4	GGGG			88	20
17207W	5432N	2435-21462	00000/0000	2-10017/0783	04/01/76	60	6068	35.9	146.9	GGGG			87	22
17207W	5431N	2471-21451	00000/0000	2-10018/0709	05/07/76	90	6570	47.9	143.2	GGGG			87	22
17208W	5430N	2561-21425	00000/0000	2-10021/0617	08/05/76	90	7825	46.6	139.5	GGGG			87	22
17208W	5148N	2578-21372	00000/0000	2-10021/1283	08/22/76	90	8062	43.6	140.0	GGGG			86	24
17208W	5142N	2434-21412	00000/0000	2-10017/0755	03/31/76	80	6054	37.4	144.3	GGGG			86	24
17209W	6250N	2439-22064	00000/0000	2-10017/1016	04/05/76	10	6124	31.5	155.4	GGGG			91	16
17209W	5705N	2634-21453	00000/0000	2-10023/1090	10/17/76	90	8843	21.0	156.8	GGGG			88	20
17209W	5143N	2470-21402	00000/0000	2-10018/0695	05/06/76	90	6556	49.4	139.7	GGGG			86	24
17210W	5432N	2723-21371	00000/0000	2-10026/0473	01/14/77	50	84	10.0	151.6	GGGG			87	22
17211W	5424N	2417-21465	00000/0000	2-10016/1103	03/14/76	80	5517	28.9	148.0	GGGG			87	22
17211W	5424N	2489-21445	00000/0000	2-10019/0126	05/25/76	90	6821	51.7	140.4	GGGG			87	22
17211W	5143N	2722-21321	00000/0000	2-10026/0582	01/13/77	60	70	11.9	150.4	GGGG			86	24
17212W	5425N	2615-21412	00000/0000	2-10023/0293	09/28/76	30	8578	29.8	151.6	PPFF			87	22
17212W	5422N	2543-21432	00000/0000	2-10020/1144	07/18/76	90	7574	50.5	136.8	GGGG			87	22
17212W	5142N	2596-21370	00000/0000	2-10022/0751	09/09/76	90	8313	38.2	144.7	GGGG			86	24
17212W	5139N	2560-21380	00000/0000	2-10021/0572	08/04/76	90	7811	48.4	135.5	GGGG			86	24
17213W	5426N	2687-21383	00000/0000	2-10025/1015	12/09/76	90	9582	9.6	156.2	GGGG			87	22
17214W	6058N	2384-22030	00000/0000	2-10015/0732	02/10/76	30	5357	12.0	155.3	GGGG			90	17
17214W	5652N	2382-21525	00000/0000	2-10015/0720	02/08/76	70	5329	14.5	152.6	GGGG			88	20
17214W	5422N	2669-21392	00000/0000	2-10025/0520	11/21/76	70	9331	12.8	157.1	GGGG			87	22
17214W	5421N	2399-21472	00000/0000	2-10016/0401	02/25/76	50	5566	22.1	149.3	GGGG			87	22
17214W	5421N	2525-21435	00000/0000	2-10020/0329	06/30/76	90	7323	52.8	136.2	GGGG			87	22
17214W	5421N	2633-21404	00000/0000	2-10023/0954	10/16/76	90	8829	23.5	154.7	GGGG			87	22
17214W	5139N	2614-21362	00000/0000	2-10023/0154	09/27/76	90	8564	32.1	149.1	GGGG			86	24
17214W	5138N	2686-21334	00000/0000	2-10025/0735	12/08/76	80	9568	11.9	154.9	GGGG			86	24

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0848

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	SARBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	SARBIT PATH NUM.	FRAME ROW NUM.
17214W	5129N	2524-21390	00000/0000	2-10020/0219	06/29/76	100	7309	54.3	131.7	FFFF		86	24
17215W	6242N	2421-22071	00000/0000	2-10017/0140	03/18/76	20	5873	24.5	155.4	GGGG		91	16
17215W	5135N	2416-21420	00000/0000	2-10016/1166	03/13/76	90	5803	30.5	145.8	FFFF		86	24
17215W	5130N	2506-21393	00000/0000	2-10019/0832	06/11/76	100	7058	54.8	133.2	FGGG		86	24
17216W	5418N	2507-21442	00000/0000	2-10019/1030	06/12/76	90	7072	53.3	137.5	GGGG		87	22
17217W	5419N	2651-21400	00000/0000	2-10024/0340	11/03/76	90	9080	17.4	156.6	GGG		87	22
17217W	5133N	2632-21355	00000/0000	2-10023/0791	10/15/76	60	8815	26.0	152.7	GGGG		86	24
17217W	5131N	2398-21423	00000/0000	2-10016/0383	02/24/76	80	5532	23.7	147.5	GGGG		86	24
17218W	6538N	2459-22164	00000/0000	2-10018/0287	04/25/76	0	6403	36.5	158.7	GGGG		93	14
17218W	5131N	2658-21343	00000/0000	2-10024/0438	11/20/76	50	9317	15.3	155.6	G GG		86	24
17221W	6235N	2403-22074	00000/0000	2-10016/0601	02/29/76	60	5622	17.5	155.6	GGGG		91	16
17221W	5131N	2650-21351	00000/0000	2-10024/0332	11/02/76	100	9066	20.2	154.9	GGGG		86	24
17221W	5122N	2380-21430	00000/0000	2-10015/0554	02/06/76	90	5301	18.0	149.5	GGGG		86	24
17223W	6535N	2441-22171	00000/0000	2-10017/1058	04/07/76	10	6152	30.1	158.8	GGGG		93	14
17223W	5845N	2455-21555	00000/0000	2-10018/0227	04/21/76	70	6347	40.3	150.0	GGGF		89	19
17223W	5841N	2473-21552	00000/0000	2-10018/0864	05/09/76	90	6598	45.7	148.5	GGGG		89	19
17224W	5845N	2437-21563	00000/0000	2-10017/0910	04/03/76	20	6096	33.8	150.9	GGGG		89	19
17224W	5406N	2381-21475	00000/0000	2-10015/0603	02/07/76	100	5315	16.3	151.0	GGGG		87	22
17225W	5846N	2581-21523	00000/0000	2-10022/0153	08/25/76	90	8104	38.2	148.5	FGGG		89	19
17226W	6405N	2422-22123	00000/0000	2-10017/0283	03/19/76	50	5887	23.8	156.8	FGGF		92	15
17230W	5839N	2563-21530	00000/0000	2-10021/0725	08/07/76	100	7853	43.5	145.2	GGGG		89	19
17230W	5833N	2491-21550	00000/0000	2-10019/0599	05/27/76	80	6849	49.4	146.1	GGGG		89	19
17231W	5839N	2599-21520	00000/0000	2-10022/0911	09/12/76	90	8355	32.3	152.0	GGGG		89	19
17231W	5832N	2527-21540	00000/0000	2-10020/0425	07/02/76	60	7351	50.2	142.6	FGGG		89	19
17232W	5836N	2419-21570	00000/0000	2-10017/0092	03/16/76	50	5845	26.7	151.5	GGGG		89	19
17233W	5836N	2617-21513	00000/0000	2-10023/0256	09/30/76	80	8606	25.8	155.4	GGGG		89	19
17233W	5829N	2509-21543	00000/0000	2-10019/0994	06/14/76	80	7100	50.9	143.8	GGGG		89	19
17235W	6357N	2404-22130	00000/0000	2-10016/0634	03/01/76	60	5636	16.8	156.9	GGGG		92	15
17235W	6353N	2386-22133	00000/0000	2-10015/0858	02/12/76	30	5385	10.4	157.6	GGFG		92	15
17236W	5829N	2653-21501	00000/0000	2-10025/0034	11/05/76	90	9108	13.6	159.3	GGGG		89	19
17236W	5827N	2401-21573	00000/0000	2-10016/0521	02/27/76	0	5594	19.8	152.2	GGGG		89	19
17237W	5831N	2545-21533	00000/0000	2-10020/1263	07/20/76	90	7602	47.7	143.0	GGGG		89	19
17239W	5603N	2454-21510	00000/0000	2-10018/0037	04/20/76	90	6333	41.8	147.0	GGGG		88	21
17240W	5828N	2635-21505	00000/0000	2-10023/1105	10/18/76	90	8857	19.5	157.9	GGGG		89	19
17241W	6516N	2405-22182	00000/0000	2-10016/0740	03/02/76	90	5650	16.2	158.2	FGGG		93	14

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR US  
FROM 01/22/76 TO 01/22/77

PAGE 0849

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NR./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
1724 W	5557N	2436-21513	00000/0000	2-10017/0897	04/02/76	90	6082	35.3	148.2	GGGG		88	21
17245W	5556N	2472-21503	00000/0000	2-10018/0824	05/08/76	80	6584	47.3	145.0	GGGG		88	21
17246W	5814N	2383-21581	00000/0000	2-10015/0787	02/09/76	60	5343	13.8	153.4	GGGG		89	19
17246W	5600N	2580-21473	00000/0000	2-10021/1388	08/24/76	90	8090	40.4	145.2	GGGG		88	21
17248W	5551N	2562-21481	00000/0000	2-10021/0702	08/06/76	90	7839	45.5	141.4	GGG		88	21
17249W	5547N	2544-21484	00000/0000	2-10020/1240	07/19/76	90	7588	49.5	138.9	GGGF		88	21
17249W	5313N	2453-21461	00000/0000	2-10017/1616	04/19/76	90	6319	43.4	143.9	GFGR		87	23
17250W	6009N	2456-22011	00000/0000	2-10018/0115	04/22/76	10	6361	39.6	151.7	GGGG		90	18
17250W	6008N	2438-22014	00000/0000	2-10017/0925	04/04/76	10	6110	33.1	152.4	GGGG		90	18
17250W	5555N	2598-21471	00000/0000	2-10022/0885	09/11/76	90	8341	34.6	149.1	GGGG		88	21
17250W	5547N	2490-21501	00000/0000	2-10019/0207	05/26/76	90	6835	51.0	142.3	FGFG		88	21
17251W	5548N	2418-21521	00000/0000	2-10017/0057	03/15/76	80	5831	28.3	149.1	GGGG		88	21
17252W	5550N	2616-21463	00000/0000	2-10023/0308	09/29/76	80	8592	28.3	152.9	GGGG		88	21
17252W	5544N	2508-21494	00000/0000	2-10019/1054	06/13/76	90	7086	52.5	139.6	GGGG		88	21
17252W	5543N	2526-21491	00000/0000	2-10020/0365	07/01/76	10	7337	52.0	138.3	GGGG		88	21
17252W	5307N	2471-21454	00000/0000	2-10018/0710	05/07/76	90	6570	48.8	141.4	GGGG		87	23
17253W	5542N	2400-21524	00000/0000	2-10016/0462	02/26/76	90	5580	21.5	150.2	GGGG		88	21
17253W	5307N	2435-21464	00000/0000	2-10017/0784	04/01/76	60	6068	36.9	145.5	GGGG		87	23
17253W	5305N	2561-21431	00000/0000	2-10021/0618	08/05/76	100	7825	47.4	137.6	GGGG		87	23
17254W	6008N	2582-21575	00000/0000	2-10022/0110	08/26/76	90	8118	37.0	150.3	GGGG		90	18
17255W	5308N	2723-21373	00000/0000	2-10026/0474	01/14/77	60	84	11.0	150.9	GGGG		87	23
17256W	6004N	2564-21582	00000/0000	2-10021/0766	08/08/76	90	7867	42.4	147.2	GGGG		90	18
17256W	5543N	2652-21452	00000/0000	2-10024/0382	11/04/76	80	9094	16.2	157.5	GGGG		88	21
17256W	5300N	2417-21472	00000/0000	2-10016/1104	03/14/76	80	5817	29.9	146.9	GGGG		87	23
17256W	5300N	2489-21451	00000/0000	2-10019/0127	05/25/76	90	6821	52.5	138.3	GGGG		87	23
17256W	5258N	2543-21435	00000/0000	2-10020/1145	07/18/76	90	7574	51.2	134.7	GGGG		87	23
17257W	5300N	2615-21414	00000/0000	2-10023/0294	09/28/76	20	8578	30.8	150.4	FGGG		87	23
17257W	5258N	2525-21442	00000/0000	2-10020/0330	06/30/76	90	7323	53.5	134.0	GGGG		87	23
17258W	6000N	2618-21564	00000/0000	2-10023/0389	10/01/76	90	8620	24.4	156.8	GGGG		90	18
17258W	5302N	2687-21390	00000/0000	2-10025/1016	12/09/76	90	9582	10.7	155.5	GGGF		87	23
17259W	6000N	2492-22002	00000/0000	2-10019/0309	05/28/76	90	6863	48.6	148.1	FGGG		90	18
17259W	5542N	2634-21460	00000/0000	2-10023/1091	10/17/76	90	8843	22.1	155.8	GGGG		88	21
17259W	5258N	2669-21394	00000/0000	2-10025/0521	11/21/76	80	9331	13.9	156.3	GGGG		87	23
17259W	5257N	2399-21475	00000/0000	2-10016/0414	02/26/76	80	5566	23.1	148.4	GG G		87	23
17259W	5257N	2633-21411	00000/0000	2-10023/0955	10/16/76	100	8829	24.6	153.8	GGGG		87	23

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0450

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17300W 6003N	2600-21572	00000/0000	2-10023/0020	09/13/76	70	8369	30.9	153.6	GGGG			90	18
17301W 5955N	2546-21585	00000/0000	2-10021/0020	07/21/76	100	7616	46.6	145.1	GGGG			90	18
17301W 5952N	2402-22025	00000/0000	2-10016/0096	02/28/76	10	5608	19.2	153.3	GGGG			90	18
17301W 5255N	2651-21403	00000/0000	2-10024/0341	11/03/76	70	9080	18.8	155.8	GGGG			87	23
17301W 5253N	2507-21445	00000/0000	2-10019/1031	06/12/76	90	7072	54.1	135.3	GGGG			87	23
17302W 5957N	2420-22022	00000/0000	2-10017/0126	03/17/76	20	5859	26.1	152.7	GGGG			90	18
17303W 5529N	2382-21531	00000/0000	2-10015/0721	02/08/76	100	5329	15.6	151.7	FGGG			88	21
17304W 5954N	2636-21561	00000/0000	2-10023/1143	10/19/76	90	8871	18.0	159.1	FFFG			90	18
17304W 5953N	2528-21592	00000/0000	2-10020/0463	07/03/76	40	7365	49.3	144.6	GGGG			90	18
17305W 5950N	2510-21595	00000/0000	2-10019/1089	06/15/76	90	7114	50.1	145.8	GGGG			90	18
17306W 6133N	2457-22063	00000/0000	2-10018/0136	04/23/76	50	6373	38.9	153.3	GGGG			91	17
17308W 5242N	2381-21482	00000/0000	2-10015/0604	02/07/76	100	5315	17.2	150.2	GGGG			87	23
17316W 5936N	2384-22037	00000/0000	2-10015/0733	02/10/76	50	5357	13.1	154.3	FFFF			90	18
17317W 6128N	2439-22070	00000/0000	2-10017/1017	04/05/76	0	6124	32.5	153.8	GGGG			91	17
17317W 5722N	2455-21562	00000/0000	2-10018/0228	04/21/76	90	6347	41.3	148.4	GGGG			89	20
17318W 5721N	2437-21565	00000/0000	2-10017/0911	04/03/76	40	6096	34.7	149.5	GGFG			89	20
17318W 5718N	2473-21555	00000/0000	2-10018/0887	05/09/76	100	6598	46.6	146.6	GGGG			89	20
17320W 5723N	2581-21525	00000/0000	2-10022/0154	08/25/76	90	8104	39.2	147.0	FGG			89	20
17322W 6120N	2421-22074	00000/0000	2-10017/0141	03/18/76	10	5873	25.5	154.0	GGGG			91	17
17324W 5716N	2563-21532	00000/0000	2-10021/0726	08/07/76	90	7883	44.4	143.4	GGGG			89	20
17324W 5709N	2491-21552	00000/0000	2-10019/0600	05/27/76	100	6849	50.3	144.1	GGGG			89	20
17325W 5709N	2527-21543	00000/0000	2-10020/0426	07/02/76	80	7351	51.1	140.5	GGGG			89	20
17326W 5715N	2599-21522	00000/0000	2-10022/0912	09/12/76	90	8355	33.3	150.7	GGGG			89	20
17326W 5713N	2419-21573	00000/0000	2-10017/0093	03/16/76	80	5845	27.7	150.3	GGGG			89	20
17327W 5705N	2509-21550	00000/0000	2-10019/0995	06/14/76	80	7100	51.8	141.6	GGGG			89	20
17327W 5439N	2454-21512	00000/0000	2-10018/0038	04/20/76	80	6333	42.8	145.4	GGGG			88	22
17328W 6113N	2403-22081	00000/0000	2-10016/0592	02/29/76	10	5622	18.5	154.4	F G			91	17
17328W 5713N	2617-21515	00000/0000	2-10023/0257	09/30/76	80	8606	26.9	154.2	GGGG			89	20
17330W 6110N	2385-22084	00000/0000	2-10016/0892	02/11/76	40	5371	12.2	155.4	GGGG			91	17
17330W 5707N	2545-21540	00000/0000	2-10020/1264	07/20/76	90	7602	48.5	141.0	GGGG			89	20
17330W 5706N	2653-21504	00000/0000	2-10025/0035	11/05/76	90	9108	14.8	158.4	GGGG			89	20
17330W 5704N	2401-21580	00000/0000	2-10016/0522	02/27/76	40	5594	20.8	151.1	GGGG			89	20
17332W 5432N	2472-21510	00000/0000	2-10018/0825	05/08/76	80	6584	48.2	143.1	GGGG			88	22
17332W 5149N	2453-21463	00000/0000	2-10017/1617	04/19/76	90	6319	44.3	142.3	FGFG			87	24
17333W 5432N	2436-21520	00000/0000	2-10017/0898	04/02/76	90	6082	36.3	146.8	GGGG			88	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0851

PRINCIPAL POINT OF IMAGE		OBSERVATION ID	MICROFILM RBV	ROLL NO./ POSITION IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17334W	5705N	2635-21512	00000/0000	2-10023/1106	10/18/76	80	8857	20.6	156.9	GGGF			89	20
17334W	5437N	2590-21480	00000/0000	2-10021/1389	08/24/76	100	8090	41.3	143.6	GGGG			88	22
17335W	5427N	2562-21483	00000/0000	2-10021/0703	08/06/76	100	7839	46.4	139.6	GGGG			88	22
17335W	5141N	2471-21460	00000/0000	2-10018/0711	05/07/76	100	6570	49.7	139.5	GGGG			87	24
17336W	5143N	2435-21471	00000/0000	2-10017/0785	04/01/76	60	6068	37.8	144.2	GGGG			87	24
17336W	5141N	2561-21434	00000/0000	2-10021/0619	08/05/76	100	7825	48.1	135.8	GGGG			87	24
17337W	5432N	2724-21425	00000/0000	2-10026/0583	01/15/77	40	98	10.1	151.5	GGGG			88	22
17337W	5428N	2688-21441	00000/0000	2-10025/1011	12/10/76	80	9596	9.4	156.1	FGGG			88	22
17338W	5431N	2598-21473	00000/0000	2-10022/0886	09/11/76	100	8341	35.6	147.8	GGGG			88	22
17338W	5423N	2490-21503	00000/0000	2-10019/0208	05/26/76	90	6835	51.8	140.2	GGGF			88	22
17338W	5423N	2544-21490	00000/0000	2-10020/1241	07/19/76	90	7588	50.3	136.9	GGGF			88	22
17338W	5144N	2723-21380	00000/0000	2-10026/0475	01/14/77	70	84	12.1	150.2	GGGG			87	24
17338W	5134N	2543-21441	00000/0000	2-10020/1146	07/18/76	90	7574	51.9	132.6	FGGG			87	24
17339W	6417N	2459-22170	00000/0000	2-10018/0288	04/25/76	0	6403	37.5	156.8	GGGG			93	15
17339W	5651N	2383-21583	00000/0000	2-10015/0788	02/09/76	90	5343	14.8	152.5	GGGG			89	20
17339W	5424N	2418-21523	00000/0000	2-10017/0058	03/15/76	90	5831	29.3	148.0	FGGG			88	22
17339W	5420N	2508-21500	00000/0000	2-10019/1055	06/13/76	80	7086	53.3	137.5	GGGG			88	22
17339W	5420N	2526-21494	00000/0000	2-10020/0366	07/01/76	30	7337	52.7	136.1	FGGG			88	22
17339W	5136N	2417-21474	00000/0000	2-10016/1105	03/14/76	70	5817	30.9	145.8	GGGG			87	24
17339W	5135N	2489-21454	00000/0000	2-10019/0128	05/25/76	90	6821	53.2	136.2	GGGG			87	24
17339W	5135N	2525-21444	00000/0000	2-10020/0331	06/30/76	90	7323	54.2	131.8	GGGG			87	24
17340W	6243N	2422-22125	00000/0000	2-10017/0284	03/19/76	30	5887	24.9	155.4	FGGG			92	16
17340W	5426N	2616-21470	00000/0000	2-10023/0309	09/29/76	80	8592	29.4	151.8	GGGG			88	22
17340W	5136N	2615-21421	00000/0000	2-10023/0295	09/28/76	80	8578	31.8	149.3	GGGG			87	24
17341W	5419N	2400-21531	00000/0000	2-10016/0463	02/26/76	100	5580	22.5	149.2	GGGG			88	22
17341W	5138N	2687-21392	00000/0000	2-10025/1017	12/09/76	70	9582	11.8	154.8	GGGF			87	24
17342W	5421N	2670-21450	00000/0000	2-10025/0540	11/22/76	80	9345	12.5	157.1	GGGG			88	22
17342W	5134N	2669-21401	00000/0000	2-10025/0522	11/21/76	60	9331	15.0	155.6	FGFG			87	24
17342W	5133N	2399-21481	00000/0000	2-10016/0415	02/25/76	50	5566	24.1	147.4	GGGG			87	24
17343W	5419N	2652-21454	00000/0000	2-10024/0383	11/04/76	90	9094	17.3	156.7	GGGG			88	22
17343W	5132N	2633-21413	00000/0000	2-10023/0956	10/16/76	100	8829	25.7	152.8	GGGG			87	24
17343W	5129N	2507-21451	00000/0000	2-10019/1032	06/12/76	90	7072	54.8	133.1	GGGG			87	24
17344W	6414N	2441-22173	00000/0000	2-10017/1089	04/07/76	10	6152	31.2	157.0	GGGG			93	15
17344W	5131N	2651-21405	00000/0000	2-10024/0342	11/03/76	40	9080	19.9	155.0	GGGG			87	24
17346W	5418N	2634-21462	00000/0000	2-10023/1092	10/17/76	90	8843	23.2	154.8	GGGG			88	22

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0852

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NR./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17348W 6236N	2404-22133	00000/0000 2-10016/0635	03/01/76	90	5636	17.9	155.6					
17348W 6231N	2386-22140	00000/0000 2-10015/0859	02/12/76	70	5385	11.5	156.4	GGGG			92	16
17348W 5846N	2456-22014	00000/0000 2-10018/0116	04/22/76	10	6361	40.6	150.0	FFFG			92	16
17348W 5845N	2438-22021	00000/0000 2-10017/0926	04/04/76	0	6110	34.1	150.9	GGGG			90	19
17350W 5118N	2381-21484	00000/0000 2-10015/0605	02/07/76	100	5315	18.4	149.4	GGGG			90	19
17351W 5843N	2474-22011	00000/0000 2-10018/0940	05/10/76	90	6612	45.9	148.4	GGGG			87	24
17351W 5405N	2382-21534	00000/0000 2-10015/0722	02/08/76	100	5329	16.6	150.9	GGGG			90	19
17353W 5844N	2582-21581	00000/0000 2-10027/0111	08/26/76	90	8118	37.9	148.7	FGGG			88	22
17355W 5841N	2564-21584	00000/0000 2-10021/0767	08/08/76	90	7867	43.3	145.4	GGGG			90	19
17356W 5837N	2618-21571	00000/0000 2-10023/0390	10/01/76	100	8620	25.5	155.6	GGGF			90	19
17357W 5837N	2492-22004	00000/0000 2-10019/0310	05/28/76	100	6863	49.5	146.1	GGGG			90	19
17358W 5840N	2600-21574	00000/0000 2-10023/0021	09/13/76	90	8369	31.9	152.2	FGGG				19
17359W 5833N	2546-21591	00000/0000 2-10017/0021	07/21/76	100	7616	47.5	143.1	GGGG			90	19
17359W 5829N	2402-22032	00000/0000 2-10016/0097	02/28/76	10	5608	20.2	152.2	GGGG			90	19
17400W 6355N	2405-22184	00000/0000 2-10016/0741	03/02/76	90	5650	17.2	156.8	GGGG			93	15
17400W 5834N	2420-22024	00000/0000 2-10017/0127	03/17/76	30	5859	27.2	151.4	GGGG			90	19
17401W 5831N	2636-21563	00000/0000 2-10023/1144	10/19/76	90	8871	19.1	158.0	FFFG			90	19
17402W 5830N	2528-21595	00000/0000 2-10020/0464	07/03/76	40	7365	50.2	142.5	GGGG			90	19
17403W 5827N	2510-22002	00000/0000 2-10019/1090	06/15/76	90	7114	51.0	143.6	GGGG			90	19
17408W 5558N	2455-21564	00000/0000 2-10018/0229	04/21/76	100	6347	42.2	146.8	GGGG			89	21
17409W 5558N	2437-21572	00000/0000 2-10017/0912	04/03/76	50	6096	35.7	148.1	GGGG			89	21
17409W 5554N	2473-21561	00000/0000 2-10018/0888	05/09/76	90	6598	47.5	144.8	GGGG			89	21
17410W 6011N	2457-22065	00000/0000 2-10018/0137	04/23/76	30	6375	39.9	151.6	GGGG			91	18
17412W 5559N	2581-21532	00000/0000 2-10027/0155	08/25/76	80	8104	40.1	145.4	GGFG			89	21
17413W 5814N	2384-22035	00000/0000 2-10015/0734	02/10/76	90	5357	14.1	153.3	GGFF			90	19
17413W 5314N	2454-21515	00000/0000 2-10018/0039	04/20/76	20	6333	43.7	143.8	GGGG			88	23
17415W 5552N	2563-21535	00000/0000 2-10021/0727	08/07/76	90	7853	45.3	141.6	GGGG			89	21
17415W 5546N	2491-21555	00000/0000 2-10019/0601	05/27/76	100	6849	51.1	142.1	GGFG			89	21
17415W 5546N	2527-21545	00000/0000 2-10020/0427	07/02/76	40	7351	51.9	138.3	GGGG			89	21
17416W 5550N	2419-21575	00000/0000 2-10017/0094	03/16/76	90	5845	28.7	149.1	GGGG			89	21
17417W 5551N	2599-21525	00000/0000 2-10022/0913	09/12/76	20	8355	34.3	149.3	GGGG			89	21
17417W 5542N	2509-21552	00000/0000 2-10019/0996	06/14/76	90	7100	52.6	139.5	GGGG			88	23
17417W 5308N	2472-21512	00000/0000 2-10018/0826	05/08/76	80	6584	49.0	141.3	GGGG			88	23
17418W 5549N	2617-21522	00000/0000 2-10023/0258	09/30/76	90	8606	28.0	153.1	GGGG			88	23
17418W 5308N	2436-21522	00000/0000 2-10017/0899	04/02/76	70	6082	37.3	145.5	GGGG			88	23

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, 77

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0853

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN REL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17419W	5313N	2580-21482	00000/0000	2-10021/1390	08/24/76	90	8090	42.2	142.1	GGGG		88	23
17419W	5304N	2562-21490	00000/0000	2-10021/0704	08/06/76	90	7839	47.2	137.8	GGGG		88	23
17420W	6006N	2439-22073	00000/0000	2-10017/1018	04/05/76	10	6124	33.5	152.3	GGGG		91	18
17420W	5544N	2545-21542	00000/0000	2-10020/1265	07/20/76	90	7602	49.3	139.0	GG G		89	21
17420W	5542N	2653-21510	00000/0000	2-10025/0036	11/05/76	90	9108	15.9	157.6	GPGG		89	21
17421W	5541N	2401-21582	00000/0000	2-10016/0523	02/27/76	90	5594	21.9	150.1	GGGG		89	21
17422W	5307N	2724-21431	00000/0000	2-10026/0584	01/15/77	30	98	11.2	150.8	GGGG		88	23
17422W	5304N	2688-21444	00000/0000	2-10025/1012	12/10/76	90	9596	10.5	155.4	FGG		88	23
17422W	5259N	2544-21493	00000/0000	2-10020/1242	07/19/76	100	7588	51.0	134.9	GGGP		88	23
17423W	5306N	2598-21480	00000/0000	2-10022/0887	09/11/76	90	8341	36.6	146.8	GGGG		88	23
17423W	5257N	2526-21500	00000/0000	2-10020/0367	07/01/76	80	7337	53.4	133.9	FFGG		88	23
17424W	5541N	2635-21514	00000/0000	2-10023/1107	10/18/76	90	8857	21.7	155.9	GGGG		89	21
17424W	5300N	2418-21530	00000/0000	2-10017/0059	03/15/76	100	5831	30.3	146.8	FGFG		88	23
17424W	5258N	2490-21510	00000/0000	2-10019/0209	05/26/76	90	6835	52.6	138.1	GGGG		88	23
17424W	5256N	2508-21503	00000/0000	2-10019/1056	06/13/76	90	7086	54.1	135.3	GGGG		88	23
17425W	5958N	2421-22080	00000/0000	2-10017/0142	03/18/76	10	5873	26.5	152.7	GGGG		91	18
17425W	5302N	2616-21472	00000/0000	2-10023/0310	09/29/76	80	8592	30.4	150.7	GGGG		88	23
17425W	5255N	2400-21533	00000/0000	2-10016/0464	02/26/76	90	5580	23.5	148.3	GGGG		88	23
17427W	5257N	2670-21453	00000/0000	2-10025/0541	11/22/76	70	9345	13.7	156.3	GGGG		88	23
17428W	5255N	2652-21461	00000/0000	2-10024/0384	11/04/76	70	9094	18.5	155.9	GGGG		88	23
17429W	5528N	2383-21590	00000/0000	2-10015/0789	02/09/76	100	5343	15.9	151.6	GGGG		89	21
17430W	5951N	2403-22083	00000/0000	2-10016/0602	02/29/76	30	5622	19.6	153.2	GG		91	18
17430W	5253N	2634-21465	00000/0000	2-10023/1093	10/17/76	90	8843	24.3	153.9	GGGG		88	23
17431W	5949N	2385-22090	00000/0000	2-10015/0893	02/11/76	90	5371	13.2	154.3	GGGG		91	18
17435W	5241N	2382-21540	00000/0000	2-10015/0723	02/08/76	100	5329	17.6	150.0	GGGF		88	23
17442W	5723N	2456-22020	00000/0000	2-10018/0117	04/22/76	20	6361	41.6	148.4	GGGG		90	20
17442W	5722N	2438-22023	00000/0000	2-10017/0927	04/04/76	20	6110	35.1	149.5	GGGG		90	20
17445W	5720N	2474-22013	00000/0000	2-10018/0941	05/10/76	70	6612	46.9	146.6	GGGG		90	20
17448W	6121N	2422-22132	00000/0000	2-10017/0285	03/19/76	30	5887	25.9	154.0	GGGG		92	17
17448W	5721N	2582-21584	00000/0000	2-10022/0112	08/26/76	90	8118	38.9	147.1	GGGG		90	20
17449W	5717N	2554-21591	00000/0000	2-10021/0768	08/08/76	100	7867	44.1	143.6	GGFG		90	20
17450W	5714N	2492-22011	00000/0000	2-10019/0311	05/28/76	100	6863	50.4	144.0	GGGG		90	20
17451W	5714N	2618-21573	00000/0000	2-10023/0391	10/01/76	80	8620	26.5	154.4	GGGG		90	20
17452W	5717N	2600-21581	00000/0000	2-10023/0022	09/13/76	100	8369	32.9	150.9	GGGG		90	20
17453W	5709N	2546-21594	00000/0000	2-10021/0022	07/21/76	100	7616	48.3	141.1	GGGG		90	20

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0854

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM REEL NO./ POSITION IN REEL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBV NUM.
17453W 5706N	2402-22034	00000/0000 2-10016/0098	02/28/76	40	5608	21.2	151.1				90	20
17454W 6255N	2459-22173	00000/0000 2-10018/0289	04/25/76	0	6403	38.6	155.0	GGG			93	16
17455W 6114N	2404-22135	00000/0000 2-10016/0636	03/01/76	90	5636	18.9	154.3	GGGG			92	17
17455W 6110N	2386-22142	00000/0000 2-10015/0860	02/12/76	80	5385	12.5	155.3	GGGG			92	17
17455W 5710N	2420-22031	00000/0000 2-10017/0128	03/17/76	90	5859	28.2	150.2	GGGG			90	20
17455W 5707N	2528-22001	00000/0000 2-10020/0465	07/03/76	0	7365	51.0	140.4	GGGG			90	20
17455W 5434N	2455-21571	00000/0000 2-10018/0230	04/21/76	90	6347	43.2	145.2	GGGG			89	22
17456W 5708N	2636-21570	00000/0000 2-10023/1145	10/19/76	90	8871	20.2	157.0	GGGG			90	20
17456W 5704N	2510-22004	00000/0000 2-10019/1091	06/15/76	90	7114	51.8	141.5	GGGG			90	20
17456W 5150N	2454-21521	00000/0000 2-10018/0040	04/20/76	30	6333	44.6	142.2	GGGG			88	24
17457W 5434N	2437-21574	00000/0000 2-10017/0913	04/03/76	40	6096	36.7	146.8	GGGG			89	22
17458W 6253N	2441-22180	00000/0000 2-10017/1090	04/07/76	10	6152	32.2	155.4	GGGG			93	16
17458W 5430N	2473-21564	00000/0000 2-10018/0889	05/09/76	90	6598	48.4	142.9	GGGG			89	22
17459W 5144N	2472-21515	00000/0000 2-10018/0827	05/08/76	60	6584	49.9	139.4	GGGG			88	24
17500W 5435N	2581-21534	00000/0000 2-10022/0156	08/25/76	80	8104	41.0	143.8	GGGG			89	22
17501W 5144N	2436-21525	00000/0000 2-10017/0900	04/02/76	60	6082	38.2	144.1	GGGG			89	22
17502W 5422N	2491-21561	00000/0000 2-10019/0602	05/27/76	100	6849	52.0	140.0	GGGG			89	22
17502W 5148N	2580-21485	00000/0000 2-10021/1391	08/24/76	90	8090	43.0	140.5	GGGG			88	24
17502W 5140N	2562-21492	00000/0000 2-10021/0705	08/06/76	90	7839	47.9	136.0	GGGG			89	22
17503W 5428N	2563-21541	00000/0000 2-10021/0728	08/07/76	90	7853	46.1	139.8	GGGG			89	22
17504W 5426N	2419-21582	00000/0000 2-10017/0095	03/16/76	90	5845	29.7	147.9	GGGG			89	22
17504W 5422N	2527-21552	00000/0000 2-10020/0428	07/02/76	10	7351	52.6	136.2	GGGG			89	22
17504W 5135N	2544-21495	00000/0000 2-10020/1243	07/19/76	90	7588	51.7	132.8	GGGG			88	24
17504W 5133N	2526-21503	00000/0000 2-10020/0368	07/01/76	90	7337	54.1	131.7	GGGG			89	22
17505W 5427N	2599-21531	00000/0000 2-10022/0914	09/12/76	80	8355	35.3	148.0	GGGG			89	22
17505W 5418N	2509-21555	00000/0000 2-10019/0997	06/14/76	90	7100	53.4	137.3	GGGG			89	22
17505W 5143N	2724-21434	00000/0000 2-10026/0585	01/15/77	60	98	12.2	150.1	GGGG			88	24
17505W 5141N	2598-21482	00000/0000 2-10022/0888	09/11/76	70	8341	37.5	145.2	GGGG			88	24
17505W 5140N	2688-21450	00000/0000 2-10025/1013	12/10/76	90	9596	11.7	154.7	GGGG			89	22
17506W 5426N	2617-21524	00000/0000 2-10023/0259	09/30/76	90	8606	29.0	152.0	GGGG			88	24
17506W 5134N	2490-21512	00000/0000 2-10019/0210	05/26/76	80	6835	53.4	125.0	GGGG			89	22
17506W 5131N	2508-21505	00000/0000 2-10019/1057	06/13/76	90	7086	54.8	133.0	GGGG			88	24
17507W 5651N	2384-22041	00000/0000 2-10015/0735	02/10/76	100	5357	15.2	152.4	GGGG			89	22
17507W 5421N	2545-21545	00000/0000 2-10020/1266	07/20/76	100	7602	50.1	137.0	GGGG			89	22
17507W 5136N	2418-21532	00000/0000 2-10017/0060	03/15/76	100	5831	31.2	145.7	GGGG			88	24

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01:29 Apr 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0855

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17508W 5419N	2653-21513	00000/0000 2-10025/0037	11/05/76	100	9108	17.0	156.7	GGGG			89	22
17508W 5417N	2401-21585	00000/0000 2-10016/0524	02/27/76	100	5594	22.9	149.1	GGGF			89	22
17508W 5137N	2616-21475	00000/0000 2-10023/0311	09/29/76	90	8592	31.5	149.6	GGGG			88	24
17508W 5131N	2400-21540	00000/0000 2-10016/0465	02/26/76	100	5580	24.5	147.3	GGGG			88	24
17509W 5848N	2457-22072	00000/0000 2-10018/0138	04/23/76	40	6375	40.9	150.0	GGGG			91	19
17509W 5133N	2670-21455	00000/0000 2-10025/0542	11/22/76	50	9345	14.8	155.6	GGGG			88	24
17510W 5131N	2652-21463	00000/0000 2-10024/0385	11/04/76	70	9094	19.6	155.1	GGGG			88	24
17511W 5418N	2635-21521	00000/0000 2-10023/1108	10/18/76	70	8857	22.8	155.0	GGGF			89	22
17512W 5129N	2634-21471	00000/0000 2-10023/1094	10/17/76	90	8843	25.4	153.0	GGGF			88	24
17513W 6234N	2405-22191	00000/0000 2-10016/0742	03/02/76	100	5650	18.3	155.5	FGGF			93	16
17516W 5404N	2383-21592	00000/0000 2-10015/0790	02/09/76	100	5343	16.9	150.7	GGGG			89	22
17517W 5117N	2382-21543	00000/0000 2-10015/0724	02/08/76	80	5329	18.7	149.2	FGGF			88	24
17518W 5843N	2439-22075	00000/0000 2-10017/1019	04/05/76	30	6124	34.5	150.8	GGGG			91	19
17523W 5835N	2421-22083	00000/0000 2-10017/0143	03/18/76	20	5873	27.5	151.4	GGGG			91	19
17527W 5827N	2403-22090	00000/0000 2-10016/0603	02/29/76	50	5622	20.6	152.1	G G			91	19
17529W 5826N	2385-22093	00000/0000 2-10015/0894	02/11/76	100	5371	14.3	153.4	GGGG			91	19
17533W 5559N	2438-22030	00000/0000 2-10017/0928	04/04/76	60	6110	36.1	148.1	GGGF			90	21
17533W 5559N	2456-22023	00000/0000 2-10018/0118	04/22/76	40	6361	42.5	146.8	GGGG			90	21
17536W 5556N	2474-22020	00000/0000 2-10018/0942	05/10/76	60	6612	47.8	144.7	GGGG			90	21
17539W 5557N	2582-21590	00000/0000 2-10022/0113	08/26/76	100	8118	39.8	145.6	GGGG			90	21
17540W 5554N	2564-21593	00000/0000 2-10021/0769	08/08/76	90	7867	45.0	141.8	GGGF			90	21
17540W 5310N	2455-21573	00000/0000 2-10018/0231	04/21/76	70	6347	44.1	143.6	GGGF			89	23
17541W 5550N	2492-22013	00000/0000 2-10019/0312	05/28/76	100	6863	51.2	142.0	GGGG			90	21
17541W 5550N	2618-21580	00000/0000 2-10023/0392	10/01/76	80	8620	27.6	153.3	GGGG			90	21
17543W 5553N	2600-21583	00000/0000 2-10023/0023	09/13/76	100	8369	33.9	149.6	GGGG			90	21
17543W 5311N	2707-21494	00000/0000 2-10026/0133	12/29/76	100	9861	9.6	153.2	GGGG			89	23
17543W 5309N	2437-21581	00000/0000 2-10017/0914	04/03/76	40	6096	37.6	145.4	GGGG			89	23
17543W 5305N	2473-21570	00000/0000 2-10018/0890	05/09/76	70	6598	49.3	141.1	GGGG			89	23
17544W 5546N	2546-22000	00000/0000 2-10021/0023	07/21/76	100	7616	49.1	139.1	GGGG			90	21
17544W 5543N	2402-22041	00000/0000 2-10016/0099	02/28/76	20	5608	22.2	150.1	GGGG			90	21
17545W 5547N	2420-22033	00000/0000 2-10017/0129	03/17/76	90	5859	29.1	149.0	GGGG			90	21
17545W 5543N	2528-22004	00000/0000 2-10020/0466	07/03/76	0	7365	51.8	138.3	GGGG			90	21
17545W 5541N	2510-22011	00000/0000 2-10019/1092	06/15/76	90	7114	52.6	139.3	GGGG			90	21
17545W 5311N	2581-21541	00000/0000 2-10022/0157	08/25/76	80	8104	41.9	142.3	GGGG			89	23
17546W 5258N	2491-21564	00000/0000 2-10019/0603	05/27/76	100	6849	52.8	137.9	GGGG			89	23

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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0856

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN RBL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE=QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17547W 5545N	2636-21572	00000/0000	2-10023/1146	10/19/76	90	8871	21.4	156.1	GGGG			90	21
17548W 5307N	2725-21490	00000/0000	2-10026/0586	01/16/77	80	112	11.3	150.6	GGGG			89	23
17548W 5254N	2563-21544	00000/0000	2-10021/0729	08/07/76	100	7853	46.9	138.0	GGGG			89	23
17548W 5302N	2419-21584	00000/0000	2-10017/0096	03/16/76	90	5845	30.7	146.7	GGGG			89	23
17549W 5303N	2689-21502	00000/0000	2-10025/0736	12/11/76	50	9610	10.4	155.3	GGGG			89	23
17550W 5959N	2422-22134	00000/0000	2-10017/0286	03/19/76	20	5887	26.9	152.6	GFGG			92	18
17550W 5303N	2599-21534	00000/0000	2-10022/0915	09/12/76	100	8355	36.3	146.7	GGGG			89	23
17550W 5258N	2545-21551	00000/0000	2-10020/1267	07/20/76	100	7602	50.8	134.9	GGGG			89	23
17550W 5254N	2509-21561	00000/0000	2-10019/0998	06/14/76	90	7100	54.1	135.1	GGFF			89	23
17551W 5302N	2617-21531	00000/0000	2-10023/0260	09/30/76	90	8606	30.1	150.9	GGGG			89	23
17551W 5255N	2365-22000	00000/0000	2-10015/0072	01/22/76	100	5092	13.2	152.4	FQFG			89	23
17552W 5257N	2671-21511	00000/0000	2-10025/0543	11/23/76	50	9359	13.5	156.3	FQGG			89	23
17553W 5255N	2653-21515	00000/0000	2-10025/0038	11/05/76	100	9108	18.2	155.9	GGG			89	23
17553W 5254N	2401-21591	00000/0000	2-10016/0525	02/27/76	80	5594	23.9	148.2	GGGG			89	23
17555W 5253N	2635-21523	00000/0000	2-10023/1109	10/18/76	40	8857	23.9	154.0	FQGG			89	23
17556W 5527N	2384-22044	00000/0000	2-10015/0736	02/10/76	90	5357	16.2	151.5	FQGG			90	21
17557W 5951N	2404-22142	00000/0000	2-10016/0637	03/01/76	100	5636	19.9	153.2	FQGG			92	18
17557W 5947N	2386-22145	00000/0000	2-10015/0861	02/12/76	80	5385	13.6	154.2	GFFG			92	18
17600W 5240N	2383-21595	00000/0000	2-10015/0791	02/09/76	90	5343	17.9	149.9	GGGG			89	23
17603W 6133N	2459-22175	00000/0000	2-10018/0290	04/25/76	0	6403	39.6	153.2	GGGG			93	17
17605W 5724N	2457-22074	00000/0000	2-10018/0132	04/23/76	10	6375	41.9	148.3	GGGG			91	20
17607W 6131N	2441-22182	00000/0000	2-10017/1091	04/07/76	10	6152	33.3	153.8	GGGG			93	17
17613W 5719N	2439-22082	00000/0000	2-10017/1020	04/05/76	90	6124	35.5	149.4	GGGG			91	20
17617W 5712N	2421-22085	00000/0000	2-10017/0144	03/18/76	90	5873	28.5	150.1	GGGG			91	20
17620W 6112N	2405-22193	00000/0000	2-10016/0743	03/02/76	80	5650	19.3	154.3	FQGF			93	17
17620W 5705N	2403-22092	00000/0000	2-10016/0593	02/29/76	90	5622	21.6	151.0	G GG			91	20
17620W 5435N	2456-22025	00000/0000	2-10018/0119	04/22/76	40	6361	43.5	145.1	GGGG			90	22
17621W 5435N	2438-22032	00000/0000	2-10017/0929	04/04/76	70	6110	37.1	146.7	GGGG			90	22
17623W 5703N	2385-22095	00000/0000	2-10015/0895	02/11/76	100	5371	15.3	152.4	GGGG			91	20
17623W 5145N	2455-21580	00000/0000	2-10018/0232	04/21/76	60	6347	45.0	142.0	GGGG			89	24
17624W 5432N	2474-22022	00000/0000	2-10018/0943	05/10/76	90	6612	48.7	142.8	GGGG			90	22
17625W 5145N	2437-21583	00000/0000	2-10017/0915	04/03/76	40	6096	38.6	144.0	GGGG			89	24
17625W 5141N	2473-21573	00000/0000	2-10018/0891	05/09/76	70	6598	50.1	139.2	GGGG			89	24
17626W 5146N	2707-21500	00000/0000	2-10026/0134	12/29/76	100	9861	10.7	152.6	GQFG			89	24
17627W 5432N	2582-21593	00000/0000	2-10022/0114	08/26/76	100	8118	40.7	144.1	GGGG			90	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BAND NOT AVAILABLE, G=GOOD, P=POOR, F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

01:29 APR 28, '77

LANDSAT-2  
COORDINATE LISTING

PAGE 0357

FOR US  
FROM 01/22/76 TO 01/22/77

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17627W 5430N	2564-22000	00000/0000 2-10021/0770	08/08/76	100	7867	45.8	140.0	GGGF			90	22
17628W 5147N	2581-21543	00000/0000 2-10022/0158	08/25/76	100	8104	42.8	140.8	GGG			89	24
17629W 5427N	2618-21582	00000/0000 2-10023/0393	10/01/76	90	8520	28.7	152.2	GGGG			90	22
17629W 5425N	2492-22020	00000/0000 2-10019/0313	05/28/76	100	6863	52.1	139.9	GGGG			90	22
17629W 5134N	2491-21570	00000/0000 2-10019/0604	05/27/76	100	6849	53.5	135.8	GGGG			89	24
17630W 5143N	2725-21492	00000/0000 2-10026/0587	01/16/77	80	112	12.4	149.9	GGGG			89	24
17630W 5140N	2563-21550	00000/0000 2-10021/0730	08/07/76	90	7853	47.7	136.2	GGGG			89	24
17631W 5429N	2600-21590	00000/0000 2-10023/0024	09/13/76	100	8369	34.9	148.3	GGGG			90	22
17631W 5138N	2419-21591	00000/0000 2-10017/0097	03/16/76	70	5845	31.6	145.6	FGGG			89	24
17631W 5138N	2689-21505	00000/0000 2-10025/0737	12/11/76	50	9610	11.6	154.6	GGGG			89	24
17632W 5423N	2420-22040	00000/0000 2-10017/0130	03/17/76	70	5859	30.1	147.8	GGGG			90	22
17632W 5422N	2546-22003	00000/0000 2-10021/0024	07/21/76	100	7616	49.9	137.1	GGGG			90	22
17632W 5419N	2366-22052	00000/0000 2-10015/0181	01/23/76	80	5106	12.4	153.0	FGGG			90	22
17632W 5419N	2402-22043	00000/0000 2-10016/0100	02/28/76	30	5608	23.2	149.1	FGGG			90	22
17632W 5419N	2528-22010	00000/0000 2-10020/0467	07/03/76	0	7365	52.5	136.1	GGGG			90	22
17632W 5417N	2510-22013	00000/0000 2-10019/1093	06/15/76	90	7114	53.4	137.1	GGGG			90	22
17632W 5134N	2545-21554	00000/0000 2-10020/1268	07/20/76	90	7602	51.5	132.9	FGGG			89	24
17632W 5133N	2527-21561	00000/0000 2-10020/0429	07/02/76	90	7351	54.0	131.8	FGGG			89	24
17632W 5130N	2509-21564	00000/0000 2-10019/0999	06/14/76	90	7100	54.8	132.8	GGFG			89	24
17633W 5139N	2599-21540	00000/0000 2-10022/0916	09/12/76	100	8355	37.2	145.4	GGGG			89	24
17633W 5137N	2617-21533	00000/0000 2-10023/0261	09/30/76	90	8606	31.1	149.8	GGGG			89	24
17633W 5130N	2365-22003	00000/0000 2-10015/0073	01/22/76	90	5092	14.3	151.6	FGFG			89	24
17634W 5421N	2636-21575	00000/0000 2-10023/1147	10/19/76	90	8871	22.5	155.1	FGGG			90	22
17635W 5132N	2671-21513	00000/0000 2-10025/0544	11/23/76	70	9359	14.6	155.6	GGGG			89	24
17635W 5130N	2401-21594	00000/0000 2-10016/0526	02/27/76	60	5594	24.8	147.2	GGGG			89	24
17636W 5131N	2653-21522	00000/0000 2-10025/0039	11/05/76	100	9108	19.3	155.1	FGGG			89	24
17642W 5403N	2384-22050	00000/0000 2-10015/0737	02/10/76	90	5357	17.2	150.6	FGGG			90	22
17642W 5116N	2383-22001	00000/0000 2-10015/0792	02/09/76	70	5343	19.0	149.1	GGGG			89	24
17648W 5836N	2422-22141	00000/0000 2-10017/0287	03/19/76	30	5887	27.9	151.4	FFGG			92	19
17654W 5828N	2404-22144	00000/0000 2-10016/0638	03/01/76	100	5636	21.0	152.0	GGGG			92	19
17655W 5825N	2386-22151	00000/0000 2-10015/0862	02/12/76	90	5385	14.6	153.3	GGGG			92	19
17657W 5600N	2457-22081	00000/0000 2-10018/0140	04/23/76	90	6375	42.9	146.7	GGGG			91	21
17704W 5556N	2439-22084	00000/0000 2-10017/1021	04/05/76	60	6124	36.5	148.0	GGGG			91	21
17705W 5311N	2456-22032	00000/0000 2-10018/0120	04/22/76	40	6361	44.4	143.5	GGGG			90	23
17706W 5311N	2438-22035	00000/0000 2-10017/0930	04/04/76	80	6110	38.0	145.3	GGGG			90	23

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER;  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0258

PRINCIPAL POINT OF IMAGE LONG LAT	OBSERVATION ID	MICROFILM POSITION RBV	ROLL NO./ IN ROLL MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17707W	6011N	2459-22182	00000/0000	2-10018/0291	04/25/76	10	6403	40.6	151.5	GGGG		93	18
17708W	5549N	2421-22092	00000/0000	2-10017/0145	03/18/76	90	5873	29.5	148.9	GGGG		91	21
17710W	6008N	2441-22185	00000/0000	2-10017/1092	04/07/76	10	6152	34.3	152.3	GGGG		93	18
17710W	5542N	2403-22095	00000/0000	2-10016/0594	02/29/76	90	5622	22.6	150.0	G GG		91	21
17710W	5308N	2474-22025	00000/0000	2-10018/0944	05/10/76	80	6612	49.5	141.0	GGGG		90	23
17711W	5310N	2708-21552	00000/0000	2-10026/0097	12/30/76	70	9875	9.7	153.1	GGGG		90	23
17711W	5306N	2564-22002	00000/0000	2-10021/0771	08/08/76	90	7867	46.6	138.3	GGGG		90	23
17712W	5310N	2726-21544	00000/0000	2-10026/0637	01/17/77	60	126	11.5	150.5	GGGG		90	23
17712W	5308N	2582-21595	00000/0000	2-10022/0115	08/26/76	100	8118	41.6	142.5	GGGG		90	23
17712W	5305N	2690-21560	00000/0000	2-10025/1093	12/12/76	30	9624	10.3	155.2	GGGG		90	23
17713W	5540N	2385-22102	00000/0000	2-10015/0896	02/11/76	90	5371	16.4	151.5	GGGG		91	21
17714W	5302N	2618-21585	00000/0000	2-10023/0394	10/01/76	90	8620	29.7	151.1	GGGG		90	23
17714W	5301N	2492-22022	00000/0000	2-10019/0314	05/28/76	100	6863	52.9	137.8	GGGG		90	23
17716W	5304N	2600-21592	00000/0000	2-10023/0025	09/13/76	80	8369	35.9	147.0	GGGG		90	23
17716W	5300N	2420-22042	00000/0000	2-10017/0131	03/17/76	70	5839	31.1	146.6	GGGG		90	23
17716W	5258N	2546-22005	00000/0000	2-10021/0025	07/21/76	100	7616	50.6	135.1	GGGG		90	23
17716W	5256N	2528-22013	00000/0000	2-10020/0468	07/03/76	10	7365	53.2	133.9	GGGG		90	23
17716W	5255N	2366-22055	00000/0000	2-10015/0182	01/23/76	30	5106	13.4	152.2	GGGG		90	23
17716W	5253N	2510-22020	00000/0000	2-10019/1094	06/15/76	90	7114	54.1	134.9	GGFG		90	23
17717W	5259N	2672-21565	00000/0000	2-10025/0576	11/24/76	60	9373	13.2	156.3	GGGF		90	23
17717W	5255N	2402-22050	00000/0000	2-10016/0101	02/28/76	40	5608	24.2	148.1	GGGG		90	23
17719W	5257N	2636-21581	00000/0000	2-10023/1148	10/19/76	80	8871	23.6	154.2	FGGG		90	23
17721W	5253N	2654-21573	00000/0000	2-10025/0040	11/06/76	40	9122	17.9	156.0	FFFF		90	23
17723W	5950N	2405-22200	00000/0000	2-10016/0744	03/02/76	90	5650	20.3	153.1	GGFG		93	18
17726W	5240N	2384-22053	00000/0000	2-10015/0738	02/10/76	100	5357	18.3	149.8	FGGG		90	23
17742W	5713N	2422-22143	00000/0000	2-10017/0288	03/19/76	60	5887	28.9	150.1	GGGG		92	20
17745W	5436N	2457-22083	00000/0000	2-10018/0141	04/23/76	90	6375	43.8	145.1	GGFG		91	22
17747W	5706N	2404-22151	00000/0000	2-10016/0639	03/01/76	100	5636	22.0	151.0	GGGG		92	20
17748W	5147N	2456-22034	00000/0000	2-10018/0121	04/22/76	50	6361	45.3	141.9	GGGG		90	24
17749W	5147N	2438-22041	00000/0000	2-10017/0931	04/04/76	70	6110	38.9	143.9	GGFG		90	24
17751W	5432N	2439-22091	00000/0000	2-10017/1022	04/05/76	50	6124	37.5	146.6	GGGG		91	22
17752W	5143N	2474-22031	00000/0000	2-10018/0945	05/10/76	50	6612	50.4	139.1	GGGG		90	24
17753W	5146N	2708-21554	00000/0000	2-10026/0098	12/30/76	70	9875	10.7	152.4	GGGG		90	24
17754W	5142N	2564-22005	00000/0000	2-10021/0772	08/08/76	90	7867	47.4	136.5	GGGG		90	24
17755W	5425N	2421-22094	00000/0000	2-10017/0146	03/18/76	90	5873	30.5	147.7	GGGG		91	22

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
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 MSS IMAGE GAIN..... (BLANK)=LOW GAIN, H=HIGH GAIN



01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FOR US  
FROM 01/22/76 TO 01/22/77

PAGE 0859

PRINCIPAL POINT SF IMAGE LONG LAT	OBSERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV MSS	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA MODE	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME RBV NUM.
17755..	5144V	2582-2203P	00000/0000	2-10027/0116	08/26/76	90	8118	42.5	141.0	GGGG	90	24
17755W	5141N	2690-2156P	00000/0000	2-10025/1094	12/12/76	90	9624	11.4	154.6	GGGG	90	24
17756W	5145N	2726-2155N	00000/0000	2-10026/0638	01/17/77	60	126	12.5	149.8	GGGG	90	24
17756W	5137N	2492-2202S	00000/0000	2-10019/0315	05/28/76	90	6863	53.6	135.7	GGGG	90	24
17757W	5138N	2618-2159I	00000/0000	2-10027/0395	10/01/76	100	8620	30.8	150.0	GGGG	90	24
17757W	5134N	2546-2201P	00000/0000	2-10021/0026	07/21/76	90	7616	51.4	133.0	GGGG	90	24
17758..	5136N	2420-2204S	00000/0000	2-10017/0132	03/17/76	50	5859	32.0	145.5	GGFG	90	24
17758W	5132N	2528-2201S	00000/0000	2-10020/0469	07/03/76	70	7365	53.9	131.7	GGGG	90	24
17758W	5128N	2510-2202P	00000/0000	2-10019/1095	06/15/76	90	7114	54.8	132.7	GGGG	90	24
17759W	5140N	2600-2153S	00000/0000	2-10023/0026	09/13/76	70	8369	36.9	145.7	GGGG	90	24
17759W	5134N	2672-2157I	00000/0000	2-10025/0577	11/24/76	70	9373	14.4	155.6	GGGF	90	24
17759W	5130N	2366-2206I	00000/0000	2-10015/0183	01/23/76	50	5106	14.5	151.1	GGFG	90	24
17800W	5131N	2402-2205P	00000/0000	2-10016/0102	02/28/76	60	5608	25.2	147.1	GGGG	90	24
17801W	5416N	2385-2210A	00000/0000	2-10015/0897	02/11/76	70	5371	17.4	150.6	GGGG	91	22
17802W	6244N	2425-2230N	00000/0000	2-10017/0254	03/27/76	10	5929	26.1	155.4	GG G	95	16
17802W	5133N	2636-2158A	00000/0000	2-10023/1149	10/19/76	70	8871	24.7	153.3	FGGG	90	24
17803W	5129N	2654-2158N	00000/0000	2-10025/0041	11/06/76	40	9122	19.0	155.2	FFFF	90	24
17806W	5847N	2459-2218A	00000/0000	2-10018/0292	04/25/76	90	6403	41.6	149.8	GGGG	93	19
17809W	5845N	2441-2219I	00000/0000	2-10017/1073	04/07/76	20	6152	35.3	150.8	GGGG	93	19
17820W	5827N	2405-2220P	00000/0000	2-10016/0745	03/02/76	90	5650	21.4	152.0	FGGG	93	19
17831W	5311N	2457-2209N	00000/0000	2-10018/0142	04/23/76	80	6375	44.7	143.4	GGGG	91	23
17832W	5549N	2422-2215N	00000/0000	2-10017/0289	03/19/76	70	5887	29.9	148.9	GGGG	92	21
17836W	5308N	2439-2209P	00000/0000	2-10017/1024	04/05/76	30	6124	38.4	145.2	G	91	23
17838W	5543N	2404-2215P	00000/0000	2-10016/0640	03/01/76	100	5636	23.0	149.9	GGGF	92	21
17839W	5538N	2386-2216N	00000/0000	2-10015/0863	02/12/76	100	5885	16.7	151.4	GGGG	92	21
17839W	5301N	2421-2210I	00000/0000	2-10017/0147	03/18/76	90	5873	31.5	146.6	GGGG	91	23
17843W	5254N	2403-2210A	00000/0000	2-10016/0634	02/29/76	100	5622	24.6	148.0	G	91	23
17846W	5252N	2385-2211I	00000/0000	2-10015/0898	02/11/76	50	5371	18.4	149.3	GGGF	91	23
17901W	5724V	2459-2219I	00000/0000	2-10018/0293	04/25/76	70	6403	42.6	148.2	GGGG	93	20
17904W	5722N	2441-2219A	00000/0000	2-10017/1094	04/07/76	40	6152	36.3	149.3	GGGG	93	20
17910W	6121N	2425-2230P	00000/0000	2-10017/0255	03/22/76	10	5929	27.1	153.9	GGGG	95	17
17913W	5147N	2457-2209P	00000/0000	2-10018/0143	04/23/76	70	6375	45.6	141.8	GGGG	91	24
17914W	5704N	2405-2220S	00000/0000	2-10016/0746	03/02/76	70	5650	22.4	150.9	GGGG	93	20
17919W	5144N	2439-2210N	00000/0000	2-10017/1023	04/05/76	30	6124	39.3	143.8	GGGG	91	24
17920W	5425N	2422-2215P	00000/0000	2-10017/0290	03/19/76	60	5887	30.9	147.7	GGGG	92	22

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 MSS DATA MODE..... (BLANK)=COMPRESSED, L=LINEAR  
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01:29 APR 28, 1977

LANDSAT-2  
COORDINATE LISTING  
FBR MS  
FROM 01/22/76 TO 01/22/77

PAGE 0860

PRINCIPAL POINT OF IMAGE	555ERVATION ID	MICROFILM ROLL NO./ POSITION IN ROLL RBV	DATE ACQUIRED	CLOUD COVER %	ORBIT NUMBER	SUN ELEV.	SUN AZIM.	IMAGE-QUAL RBV MSS 123 45678	MSS DATA M8DF	MSS IMAGE GAIN	ORBIT PATH NUM.	FRAME ROW NUM.
17921W	5145N	2709-22013	00000/0000	2-10026/0163	12/31/76	40	9889	10.8	152.3	GGGG	91	24
17921W	5145N	2727-22034	00000/0000	2-10026/0711	01/13/77	90	140	12.7	149.6	GGGG	91	24
17921W	5139N	2631-22021	00000/0000	2-10025/1014	12/13/76	60	9638	11.3	154.5	GGGG	91	24
17922W	5146N	2583-22060	00000/0000	2-10022/0218	08/27/76	90	8132	42.2	141.3	GGGG	91	24
17922W	5136N	2493-22083	00000/0000	2-10019/0064	05/23/76	90	6877	53.8	135.5	GGGG	91	24
17924W	5136N	2547-22070	00000/0000	2-10021/0087	07/22/76	90	7630	51.2	133.2	GGFG	91	24
17924W	5134N	2673-22030	00000/0000	2-10025/0669	11/25/76	70	9387	14.2	155.6	GGGG	91	24
17925W	5137N	2601-22053	00000/0000	2-10022/1008	09/14/76	10	8383	36.6	145.9	GGGG	91	24
17925W	5133N	2529-22073	00000/0000	2-10020/0260	07/04/76	90	7379	53.8	131.8	GGGG	91	24
17925W	5130N	2367-22115	00000/0000	2-10015/0025	01/24/76	40	5120	14.7	151.4	GGGG	91	24
17926W	5419N	2404-22160	00000/0000	2-10016/0641	03/01/76	90	5636	24.0	148.9	GGGF	92	22
17926W	5134N	2619-22050	00000/0000	2-10023/0429	10/02/76	90	8634	30.5	150.2	GGGG	91	24
17926W	5130N	2403-22110	00000/0000	2-10016/0605	02/29/76	100	5622	25.6	147.0	GGGG	91	24
17927W	5414N	2386-22167	00000/0000	2-10015/0864	02/12/76	100	5385	17.7	150.5	GGGG	92	22
17927W	5132N	2637-22042	00000/0000	2-10023/0858	10/20/76	90	8885	24.3	153.4	GGGG	91	24
17927W	5129N	2511-22080	00000/0000	2-10019/1156	06/16/76	90	7128	54.8	132.6	GGGG	91	24
17928W	5129N	2655-22034	00000/0000	2-10025/0072	11/07/76	80	9136	18.7	155.2	GGGG	91	24
17929W	5128N	2385-22113	00000/0000	2-10015/0899	02/11/76	60	5371	19.4	149.0	GGGG	91	24
17953W	5600N	2459-22192	00000/0000	2-10018/0294	04/25/76	50	6403	43.5	146.5	GGGG	93	21
17955W	5558N	2441-22200	00000/0000	2-10017/1095	04/07/76	50	6152	37.2	147.9	GGGG	93	21

KEYS: CLOUD COVER % ..... 0 TO 100 = % CLOUD COVER.  
 IMAGE QUALITY ..... BLANKS=BLANK NOT AVAILABLE. G=GOOD. P=POOR. F=FAIR.  
 MSS DATA MODE ..... (BLANK)=COMPRESSED, L=LINEAR  
 MSS IMAGE GAIN ..... (BLANK)=LOW GAIN, H=HIGH GAIN

# APPENDIX

## APPENDIX

### EXPLANATION OF OBSERVATION ID

The day after the 999th day of operation of LANDSAT 1, the first digit of the observation ID becomes a 5, signifying that the 1000th day of operation has been reached. The next three digits, which correspond to the count of days since launch, return to 000. On each day thereafter the count, as before, increases by one. The ID format for LANDSAT 1 is illustrated below:

1000 - hhmms  
--  
--  
1998 - hhmms  
1999 - hhmms      April 18, 1975  
5000 - hhmms      April 19, 1975  
5001 - hhmms (Days since launch equal 1001)  
--  
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The same general identification procedure will be used for LANDSAT 2 imagery. The day after the 999th day of operation of LANDSAT 2, the first digit of the observation ID becomes a 6, and the next three digits return to 000 as explained above. An illustration follows:

2000 - hhmms  
--  
--  
2999 - hhmms  
6000 - hhmms  
6001 - hhmms (Days since launch equal 1001)  
--  
--

Key:    hh = hours  
         mm = minutes  
         s = tens of seconds